

# **PALÉONTOLOGIE FRANÇAISE**

**DESCRIPTION**

**DES ANIMAUX INVERTÉBRÉS**

## DATES DE LA PUBLICATION

Feuilles	1 — 6 .....	} Octobre 1867.
Planches	1 — 24 .....	
Feuilles	7 — 9 .....	} Juillet 1869.
Planches	25 — 36 .....	
Feuilles	10 — 12 .....	} Août 1869.
Planches	37 — 48 .....	
Feuilles	13 — 14 .....	} Janvier 1870.
Planches	49 — 60 .....	
Feuilles	15 — 17 .....	} Novembre 1871.
Planches	61, 64 à 74 .....	
Feuilles	18 — 20 .....	} Décembre 1872.
Planches	62, 75 à 85 .....	
Feuilles	21 — 23 .....	} Janvier 1873.
Planches	63, 86 à 96 .....	
Feuilles	24 — 26 .....	} Octobre 1873.
Planches	97 — 108 .....	
Feuilles	27 — 28 .....	} Décembre 1873.
Planches	109 — 120 .....	
Feuilles	29 — 31 .....	} Janvier 1874.
Planches	121 — 132 .....	
Feuilles	32 — 35 .....	} Juillet 1874.
Planches	133 — 142 .....	

# PALÉONTOLOGIE FRANÇAISE

DESCRIPTION

## DES ANIMAUX INVERTÉBRÉS

COMMENCÉE PAR ALCIDE D'ORBIGNY

continuée

SOUS LA DIRECTION D'UN COMITÉ SPÉCIAL

TERRAIN JURASSIQUE

TOME NEUVIÈME

ÉCHINIDES IRRÉGULIERS

PAR

G. COTTEAU

PRÉSIDENT DE LA SOCIÉTÉ GÉOLOGIQUE DE FRANCE

ATLAS

PARIS

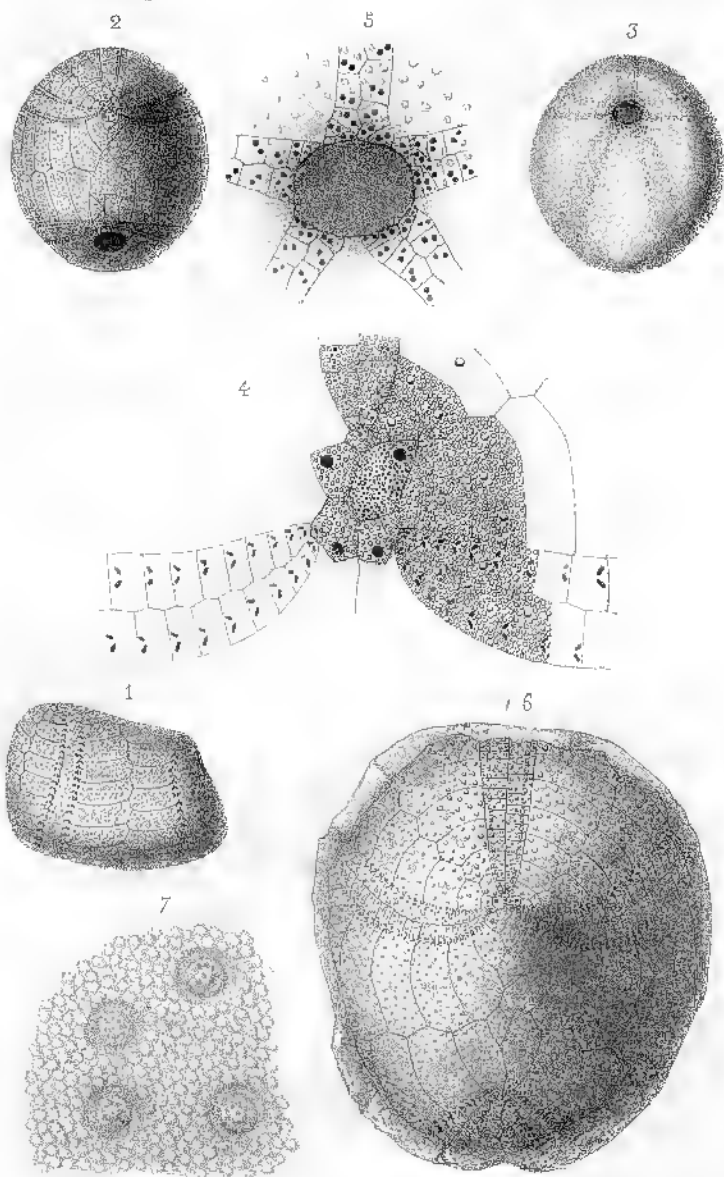
G. MASSON, ÉDITEUR

LIBRAIRE DE L'ACADÉMIE DE MÉDECINE

Place de l'École-de-Médecine, 17

1867-1874

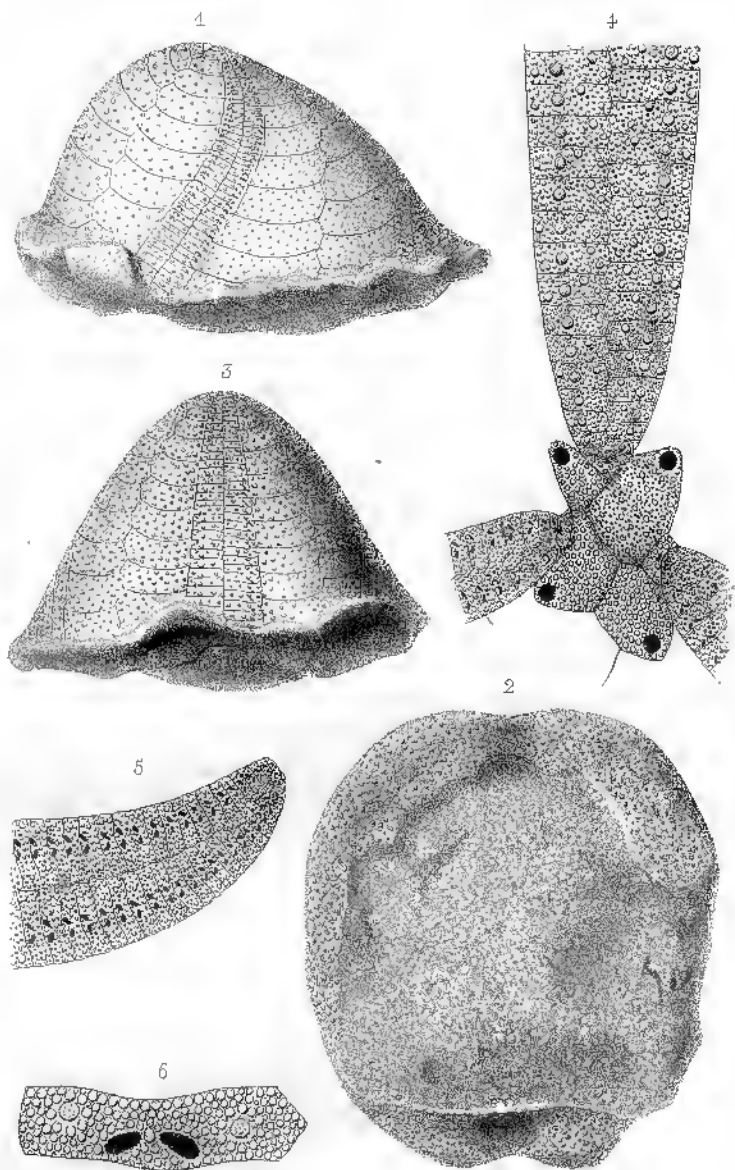




Humbert del. et lith.

Imp. Bucquet, Paris.

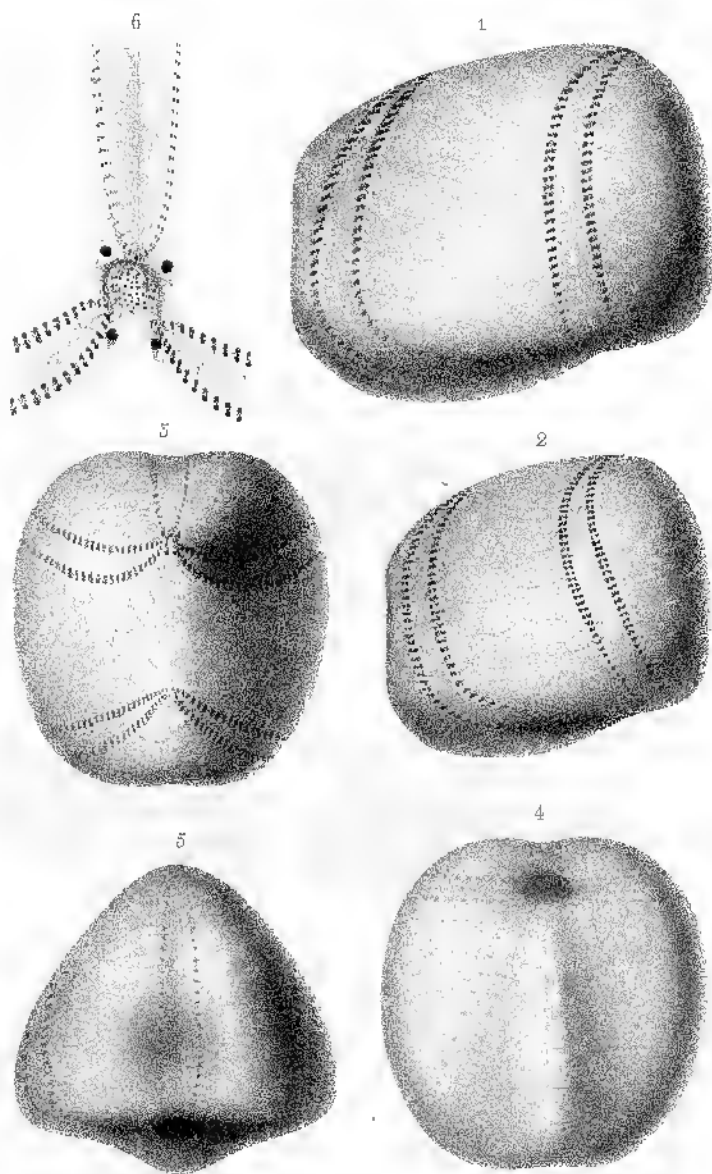
1 - 5. *Metaperhinnus Sarthacensis*, Colteau. Et. Bajocien.  
6 - 7. *M. ————— Censoriensis*, ——— Et. Cornilien.



Humbert Del et Lith.

Lm. Bequet, Paris.

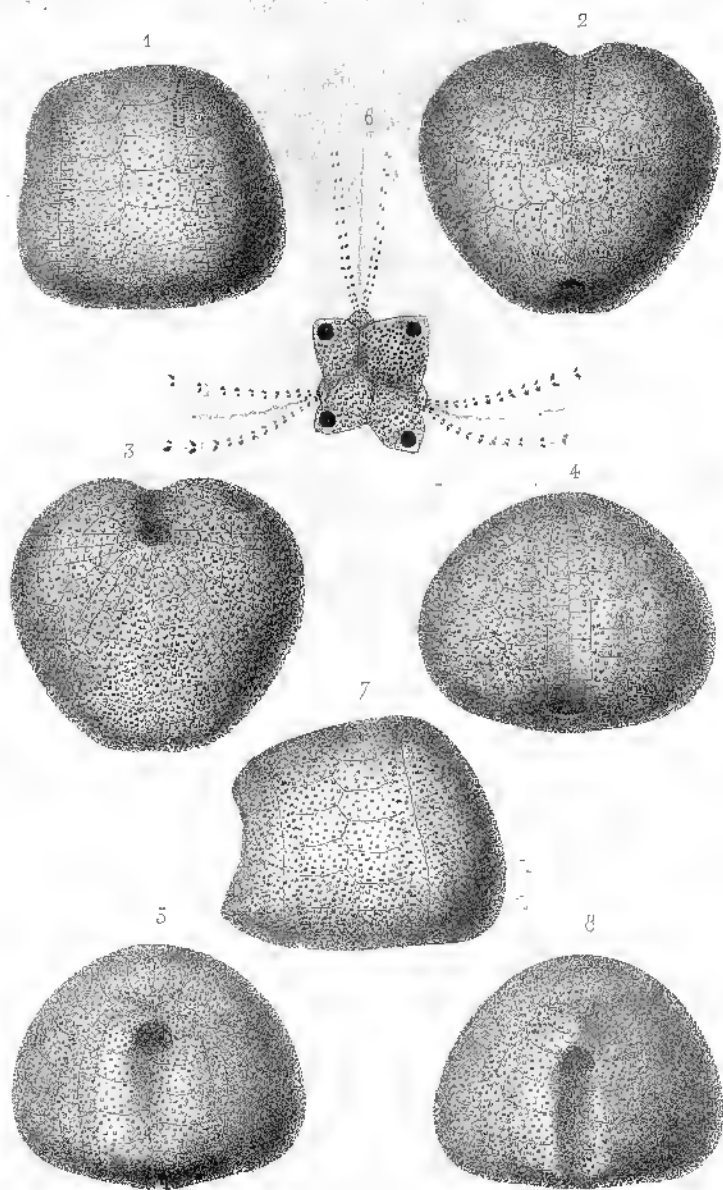
*Metaporhinus Censoriensis*, Colteau. Et. Corallien.



Humbert del et lith

Imp. Berquet, Paris.

*Metaporhinus Michelini*, Agassiz. Crallien.

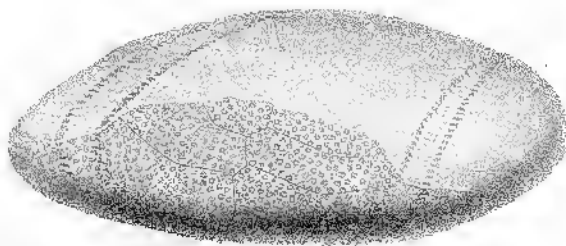


Humbert del. ex lith.

Imp. Baquet. Paris.

*Metaporhinus transversus*, Colteau.

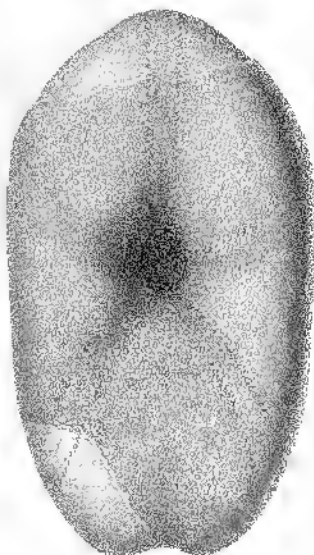
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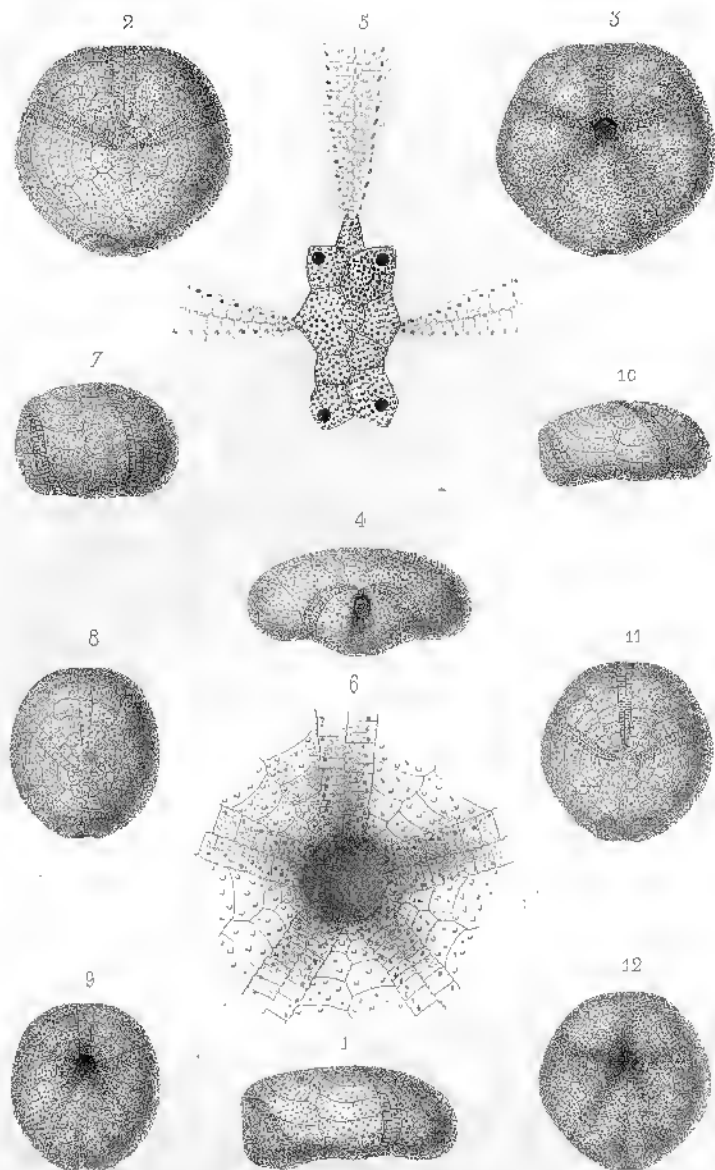


Humboldt et Lill.

Imp. Baugnot, Paris.

*Grasia elongata*, Michelin. Corallien.

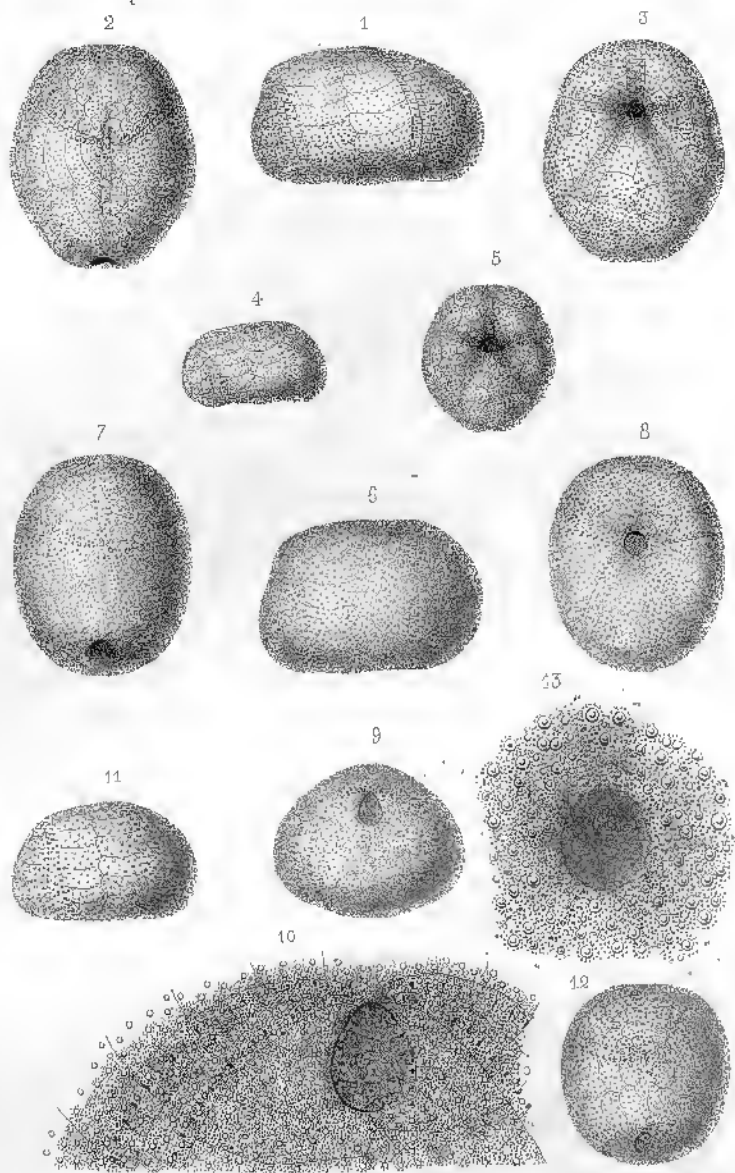




Humbert, del et lith.

Imp. Baugnot, Paris

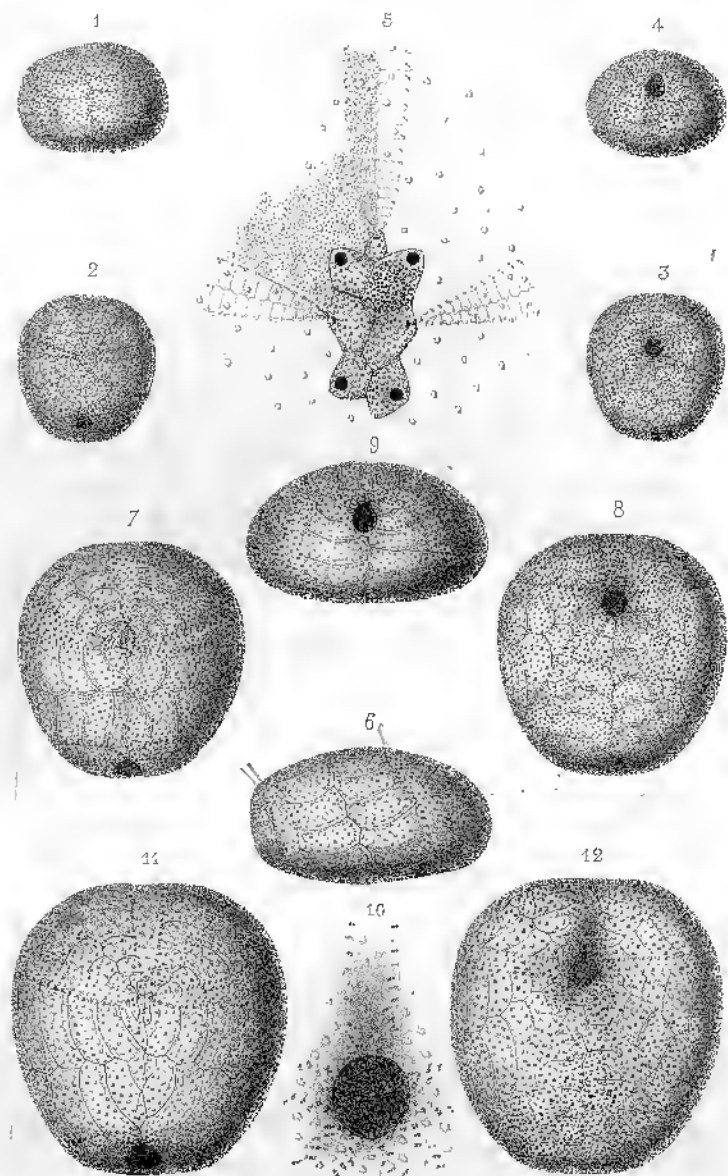
*Collyrites ringens*, Des Moulins, Bajocien et Bathonien.



Humbert del. et lith.

Imp. Bequet. Paris.

1 - 5. *Collyrites ringens*, Des Moulins, Baj. et Bath.  
 6 - 13. *C. ——— ovalis*, ——— ——— ———

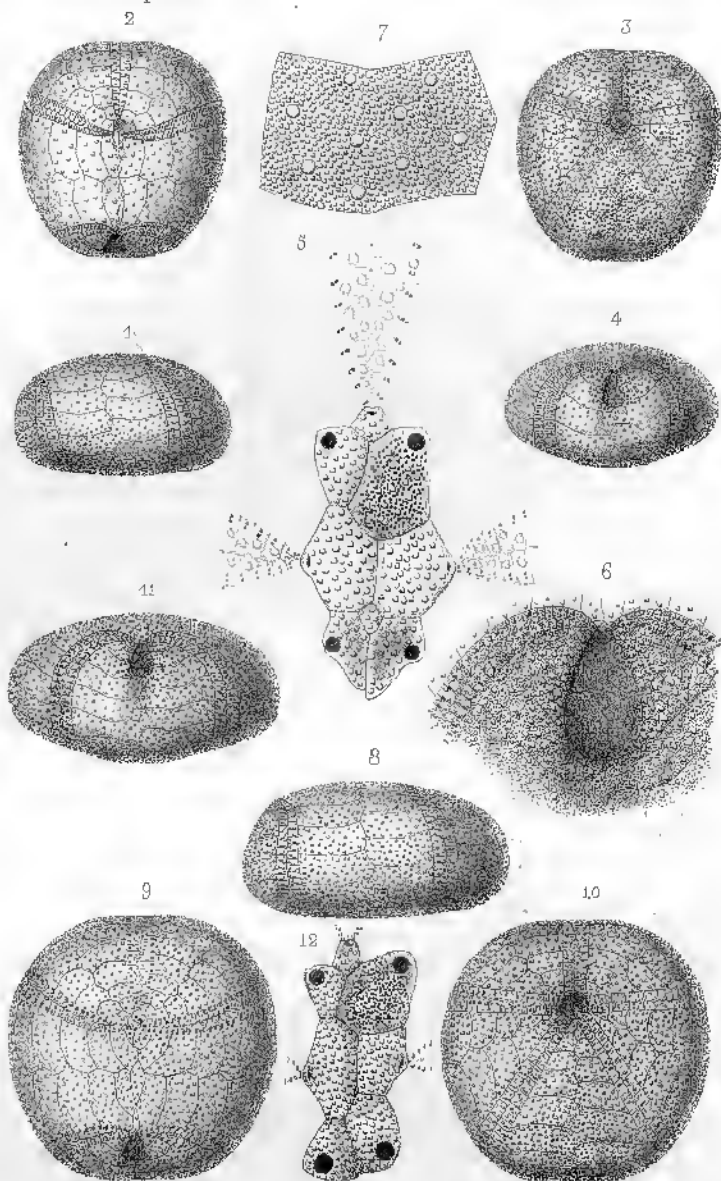


Humbert del et lith.

Lamy Buequet, Paris.

1 - 5. *Collyrites ovalis*, Des Moulins, Bajocien.

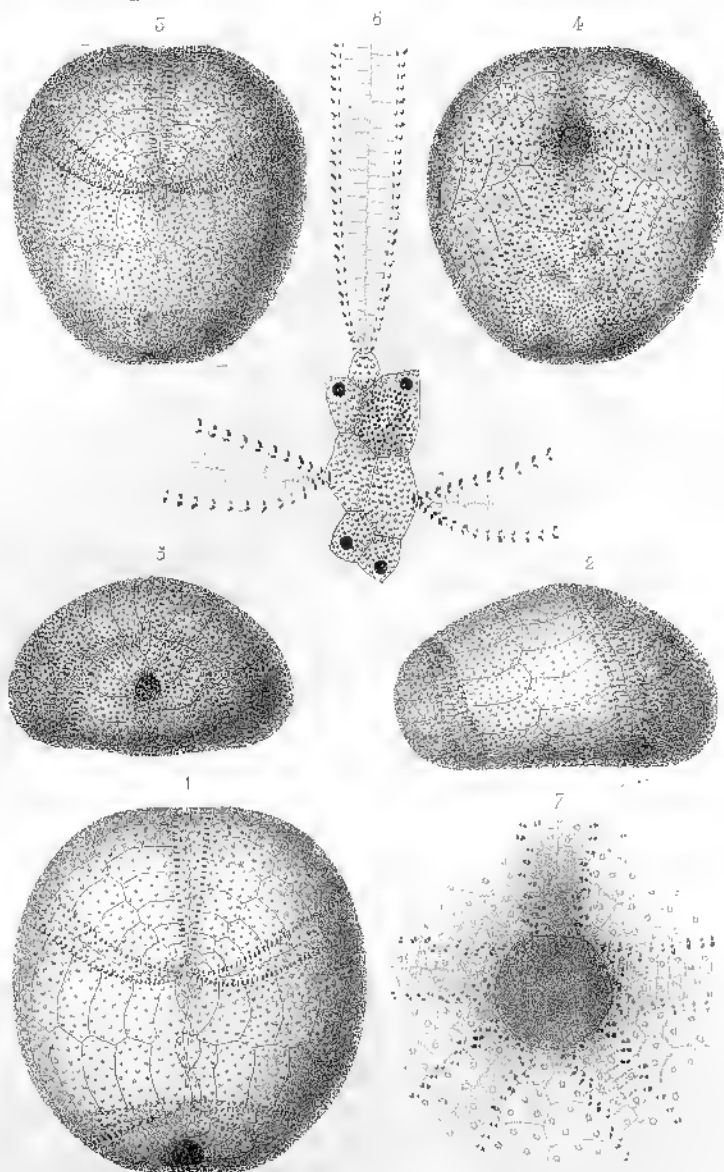
6 - 12. *C. anatis*, Bathonien.



Humbert del et lith.

Imp. Buquet, Paris.

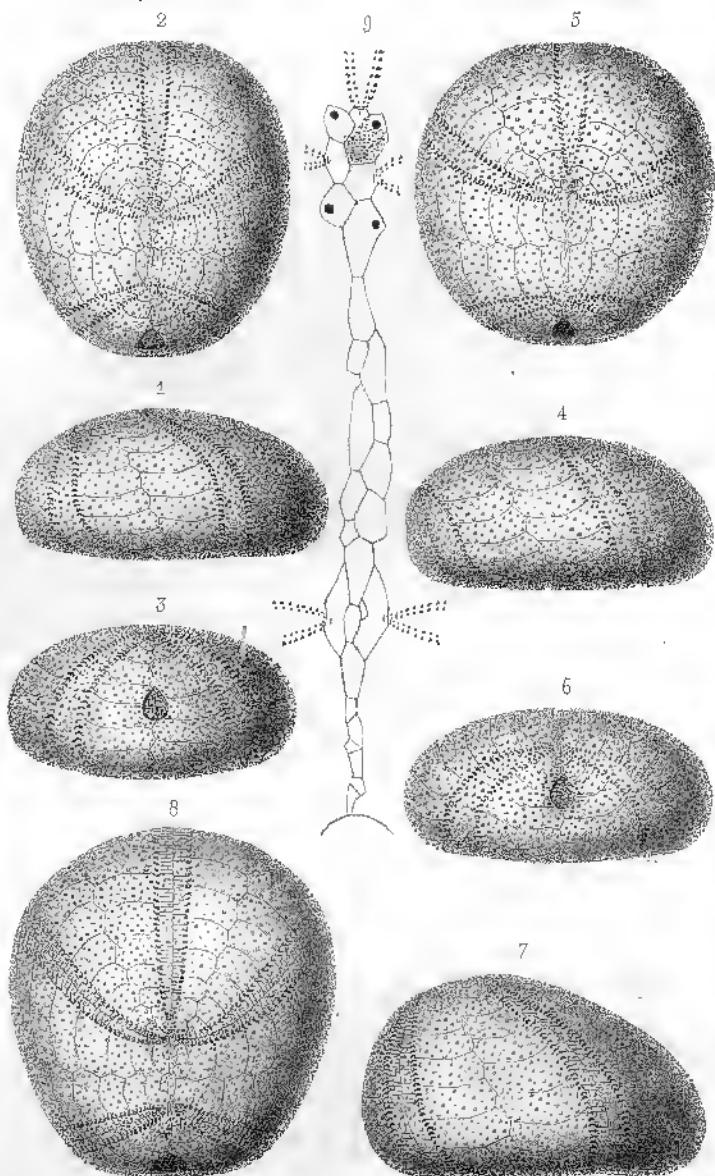
*Collyrites analis*, Des Moudins, Bathonien.



Humbert del et lith

Imp. Baquet, Paris.

*Collyrites elliptica*, Des Moulins. Bathonien et Callovien.

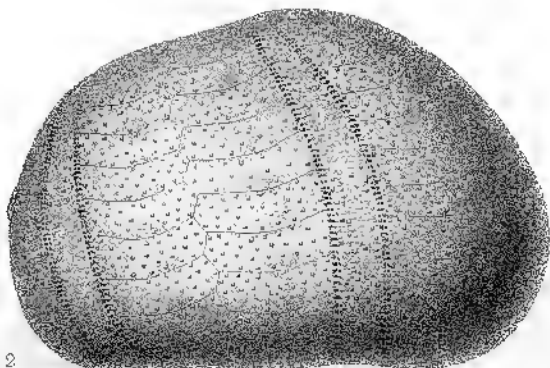


Humbert del. et lith.

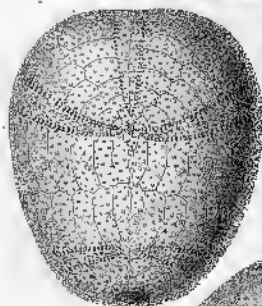
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*Collyrites elliptica*, Des Moulins. Callovien.

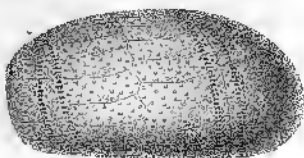
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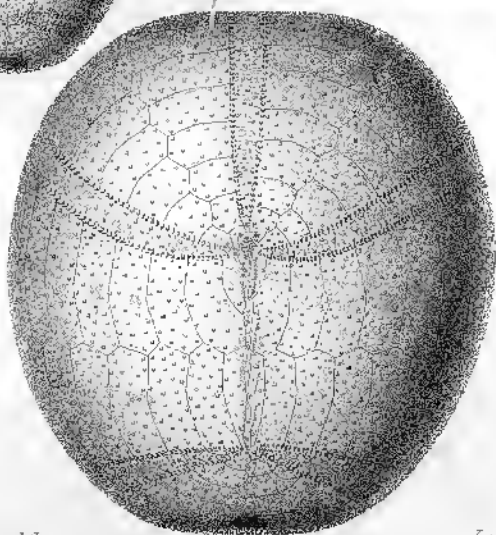
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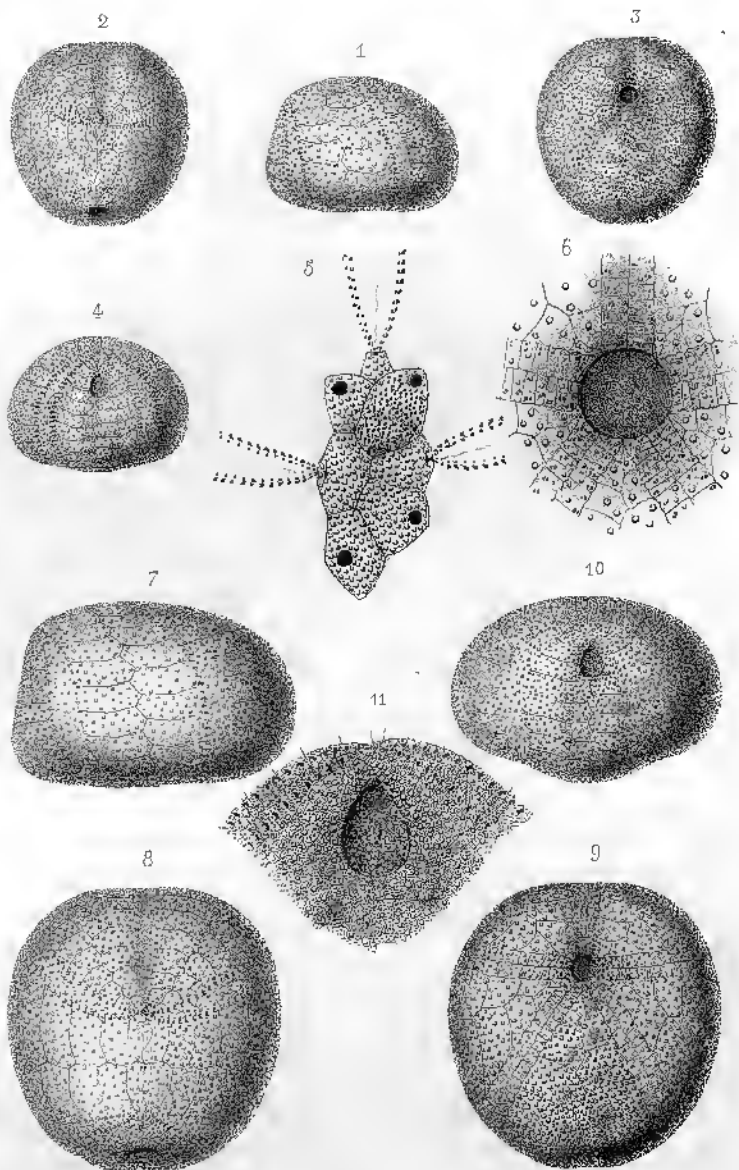
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Humbert del et lith.

Impr. Buquet, Paris.

*Collyrites elliptica*, Des Moulins. Callovien.

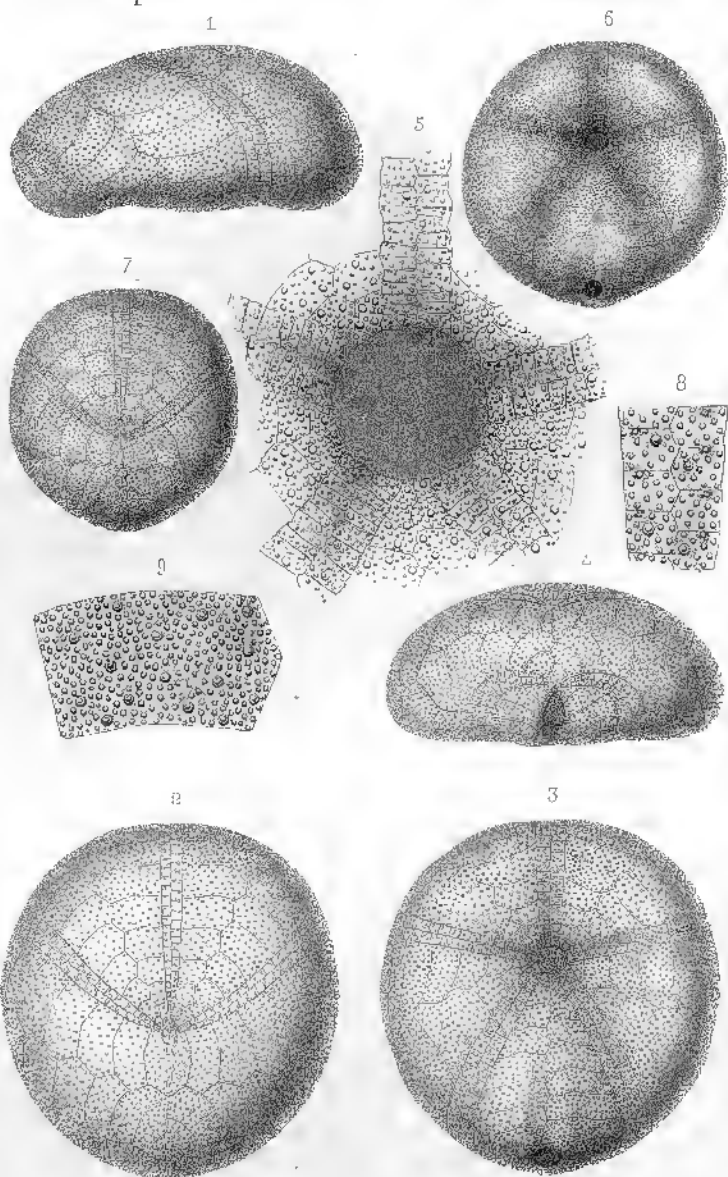


Humbert del et lith.

Imp. Buquet, Paris.

*Collyrites dorsalis*, d'Orbigny. Callovien.

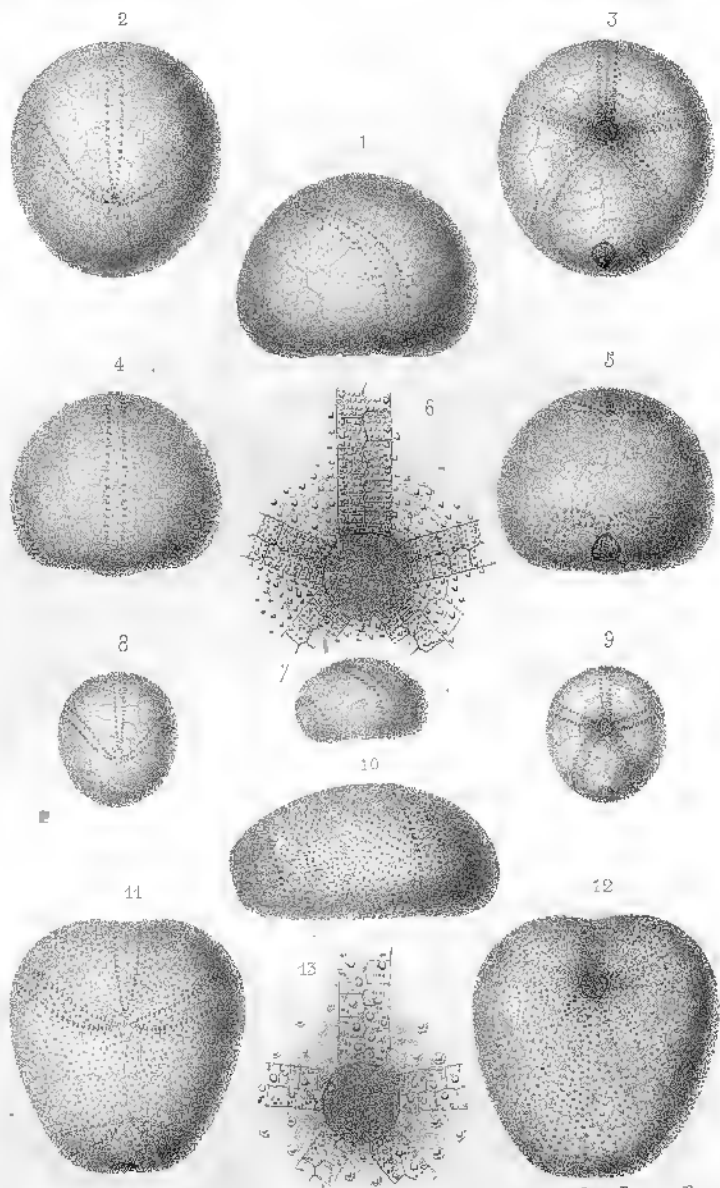




Humbert del et lith

Lrp. Baquet, Paris

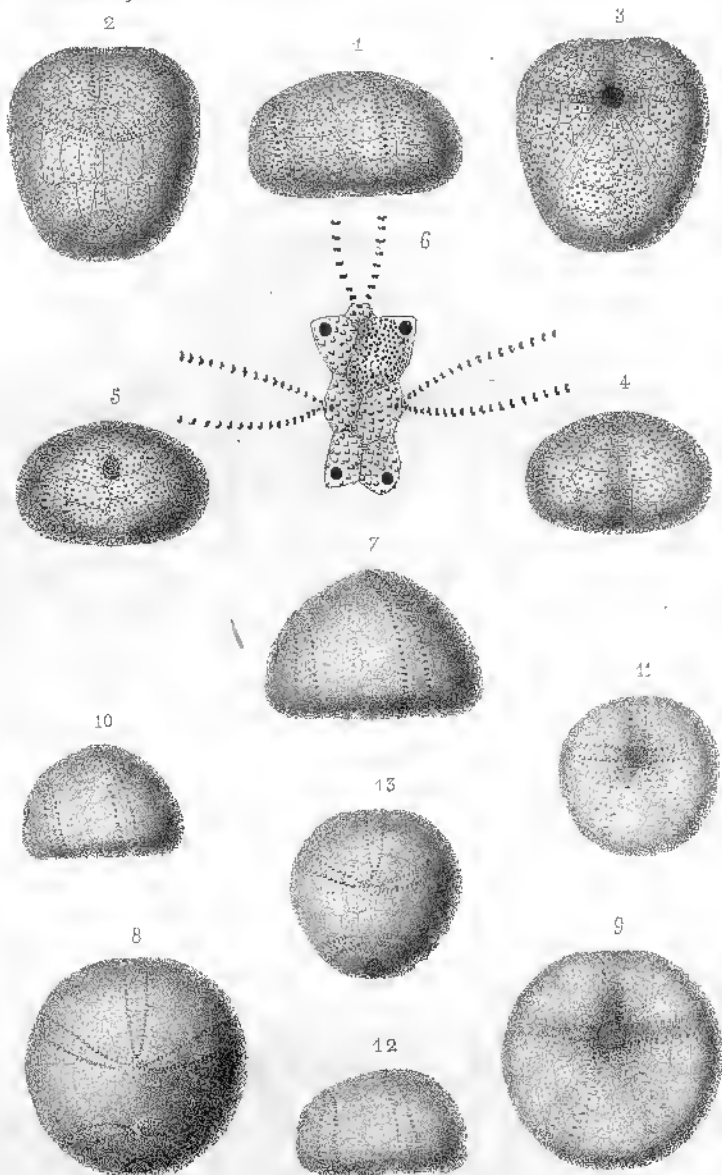
*Collyrites pseudo-ringens*, Collin Collignon.



Humbert del et lith.

Imp. Biequet, Paris.

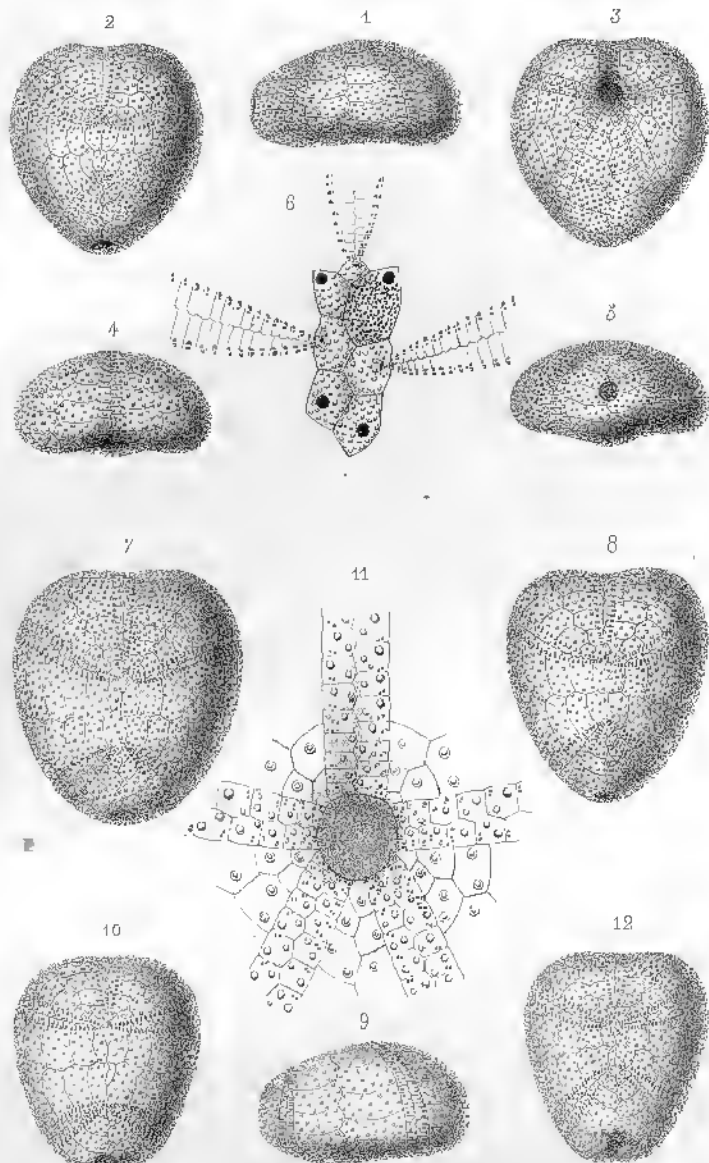
1 - 9. *Collyrites castanea*, Desor. Callovien.  
 10 - 13. *C. acuta*, — — — — —



Humbert del et lith.

Imp. Buequet, Paris.

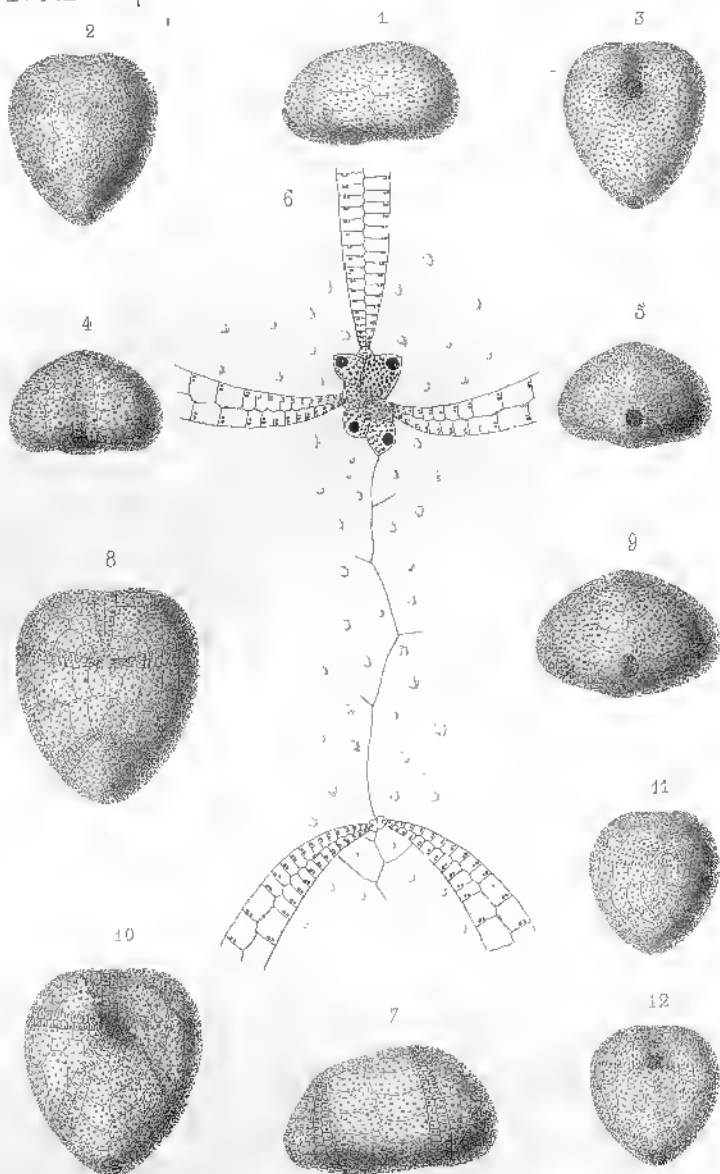
1-6. *Collyrites acuta*, Desor. Callovien.  
7-13. *C. conica*, Cotteau. Oxfordien.



Humbert del. et lith.

Imp. Buquet, Paris.

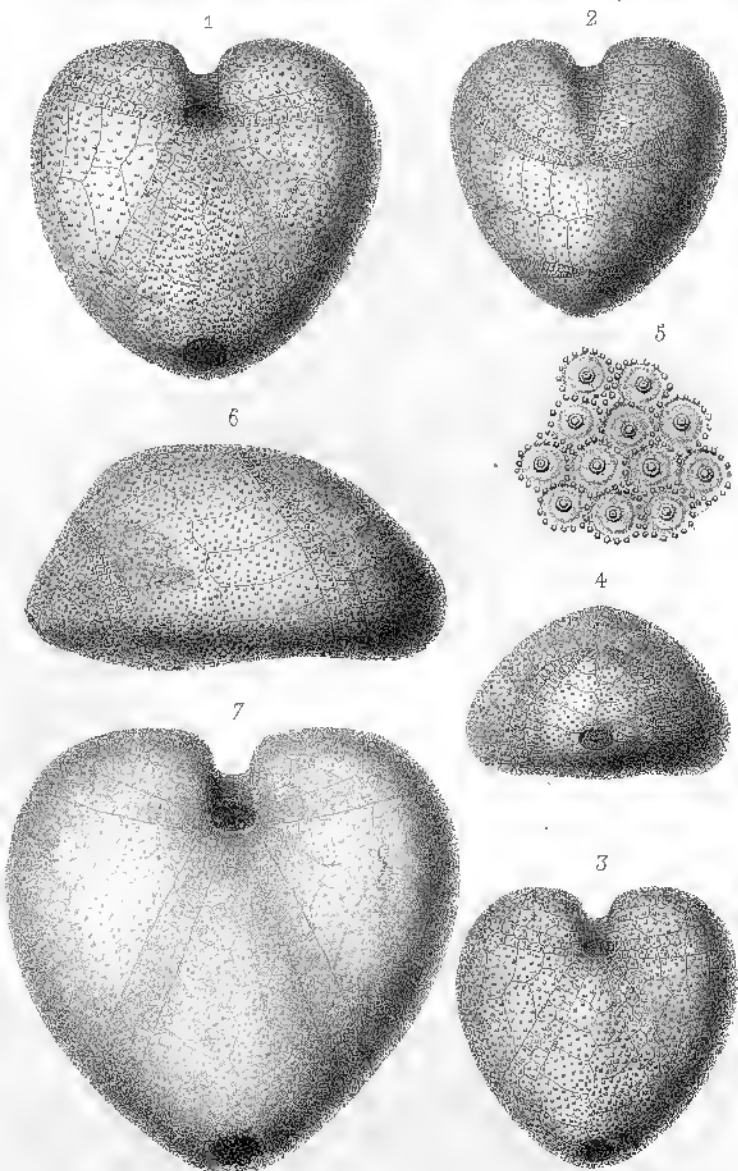
*Collyrites capistrata*, Des Moulins. Oxygordien sup.



Humboldt del et lith.

Impr. Lecquet, Paris

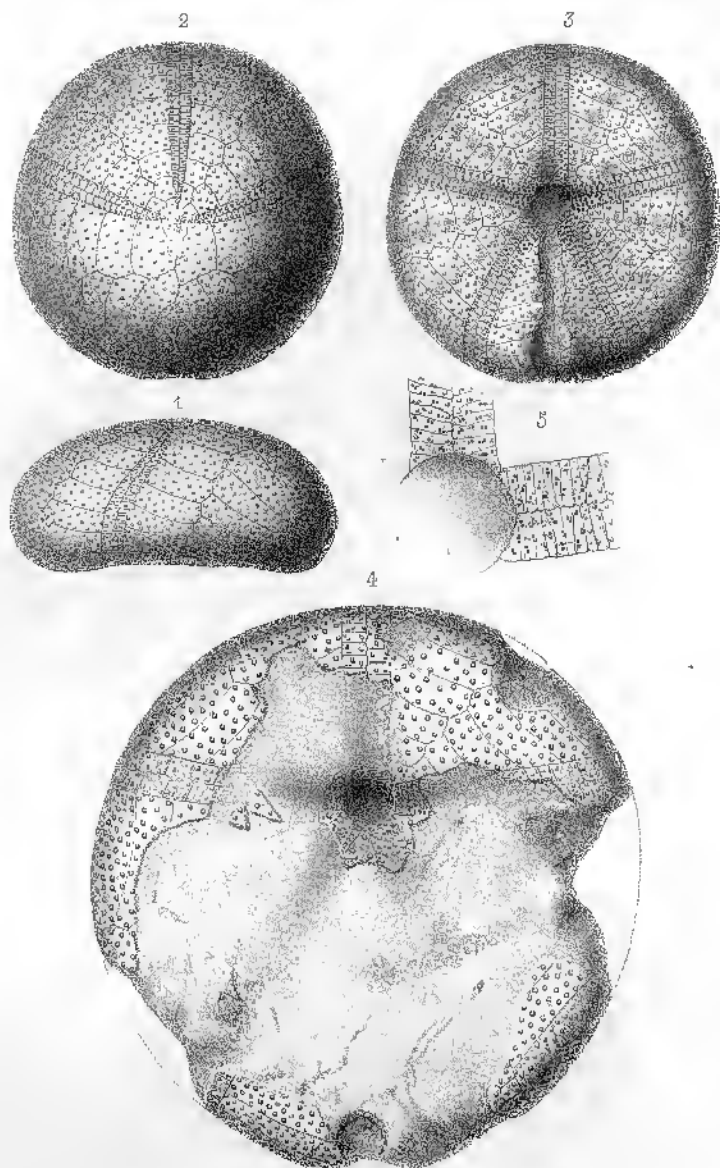
*Collyrites carinata*, Des Moulins. Oxford sup.



Humbert del et lith.

Imp. Biequet, Paris

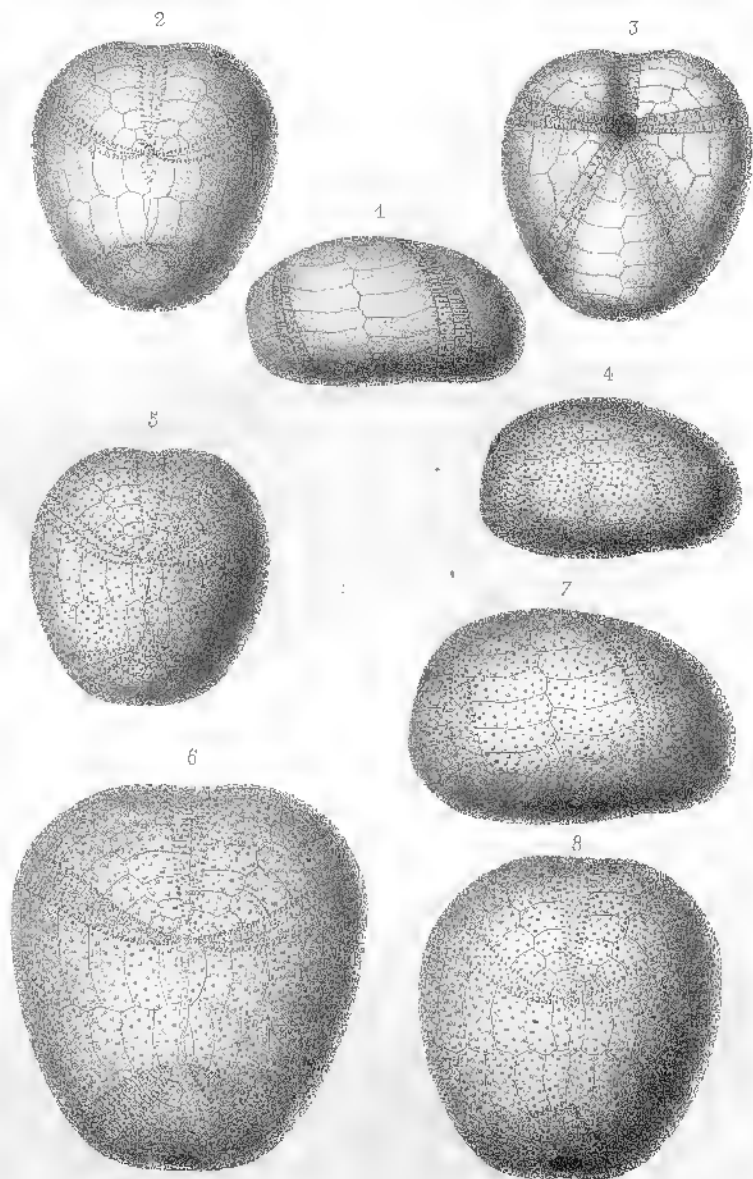
*Collyrites Friburgensis Ooster. Oxford sup.*



Humbert del et lith

Imp. Breguet, Paris

*Collyrites Vollzi*, Desor. Oxford sup.

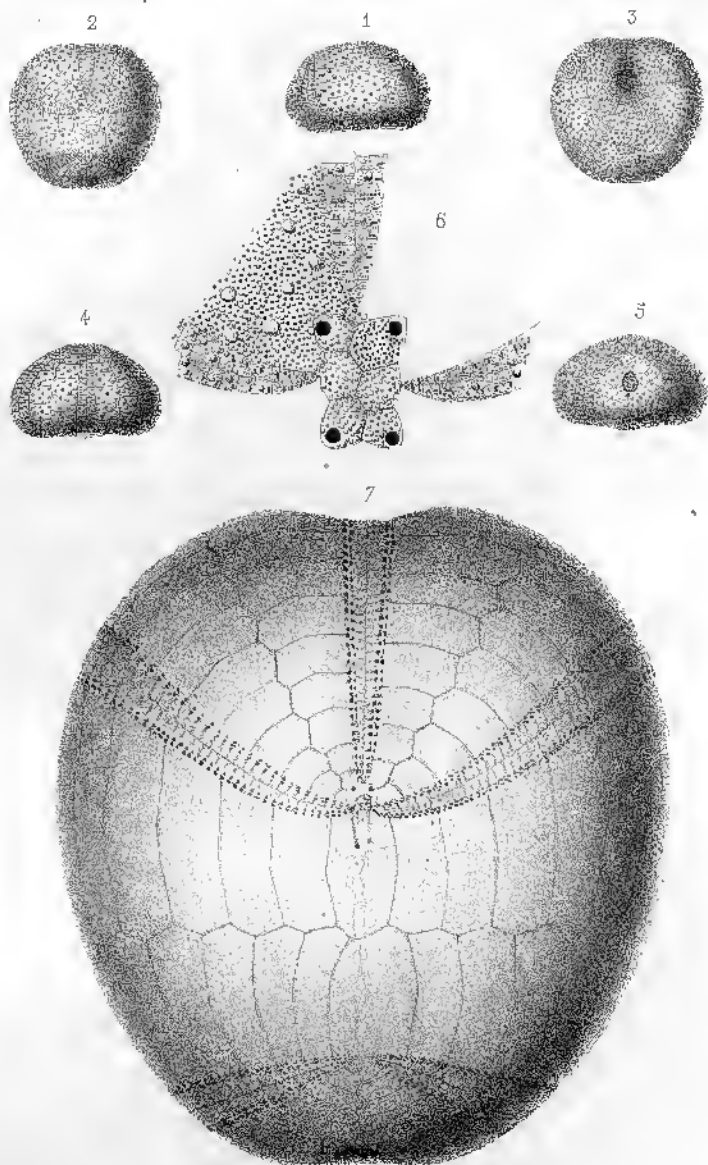


Humbert del et lith.

Imp. Bécquet, Paris.

*Collyrites bicordata*, Des Moulins Oxfordien.

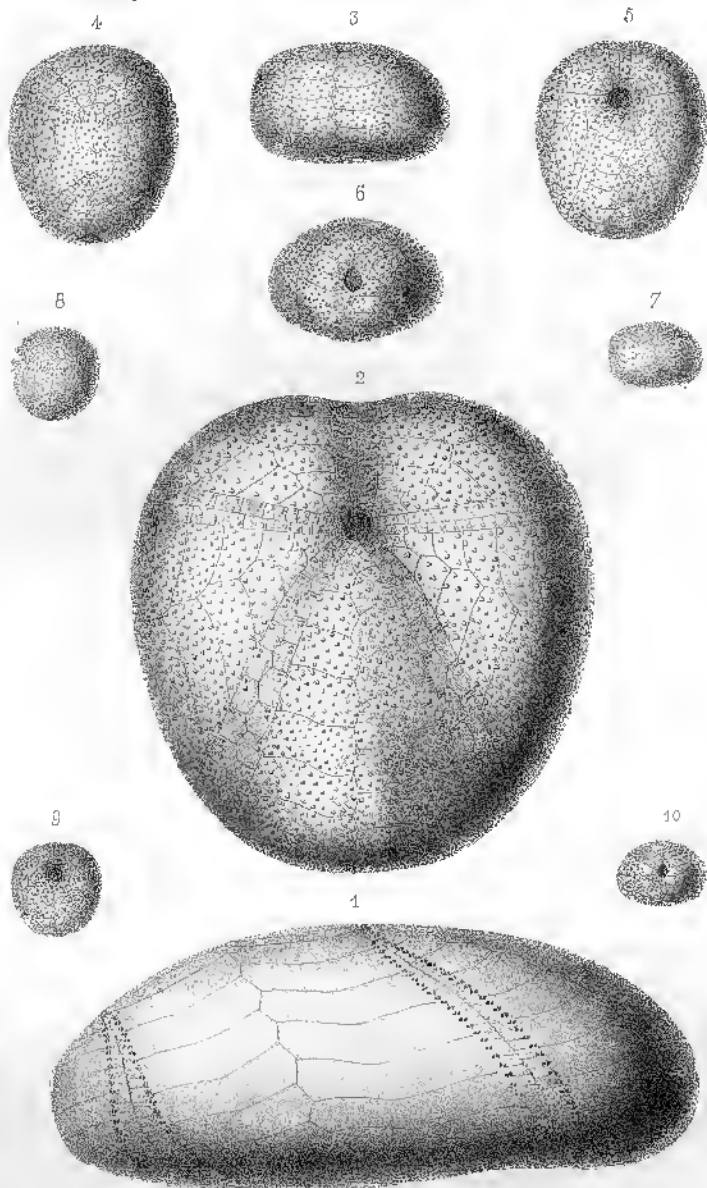




Hondert del. et lith.

Imp. Boquet, Paris

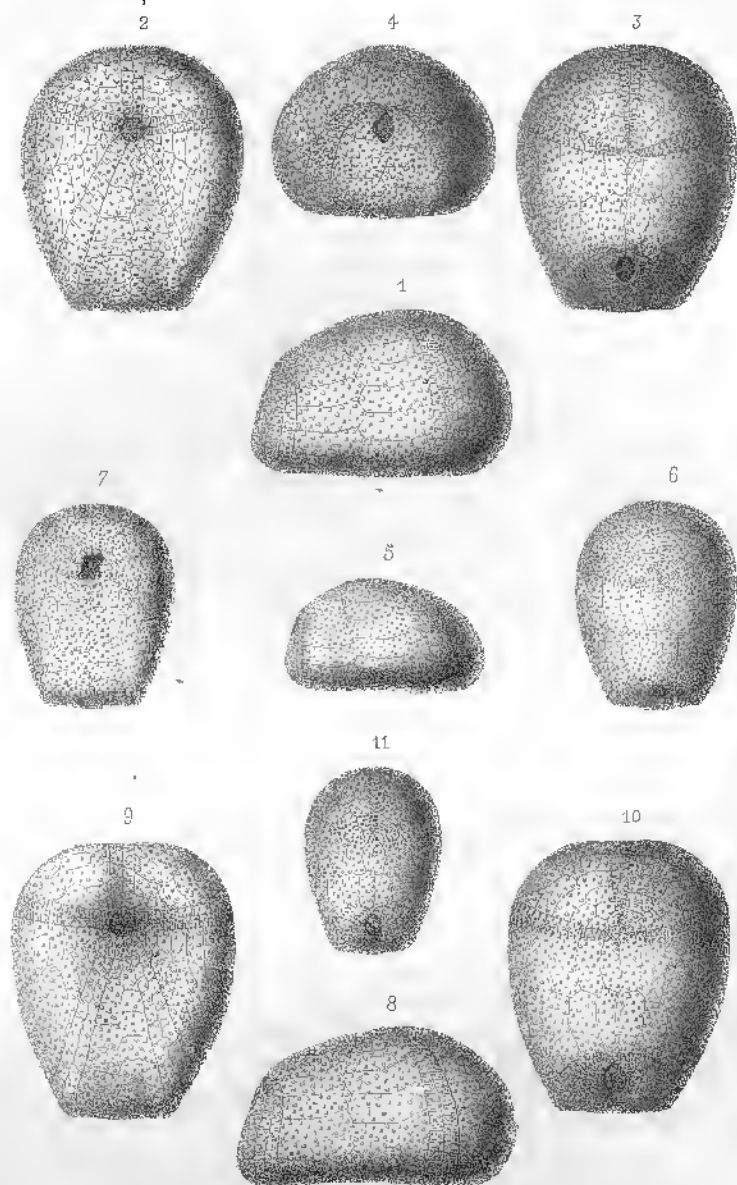
- 1-6. *Collyrites bicordata*, Des Meulins Oxford sup.  
 7. C. — *Desoriana*, Coltau Corallien.



Humbert del et lith.

Imp. Bugut, Paris.

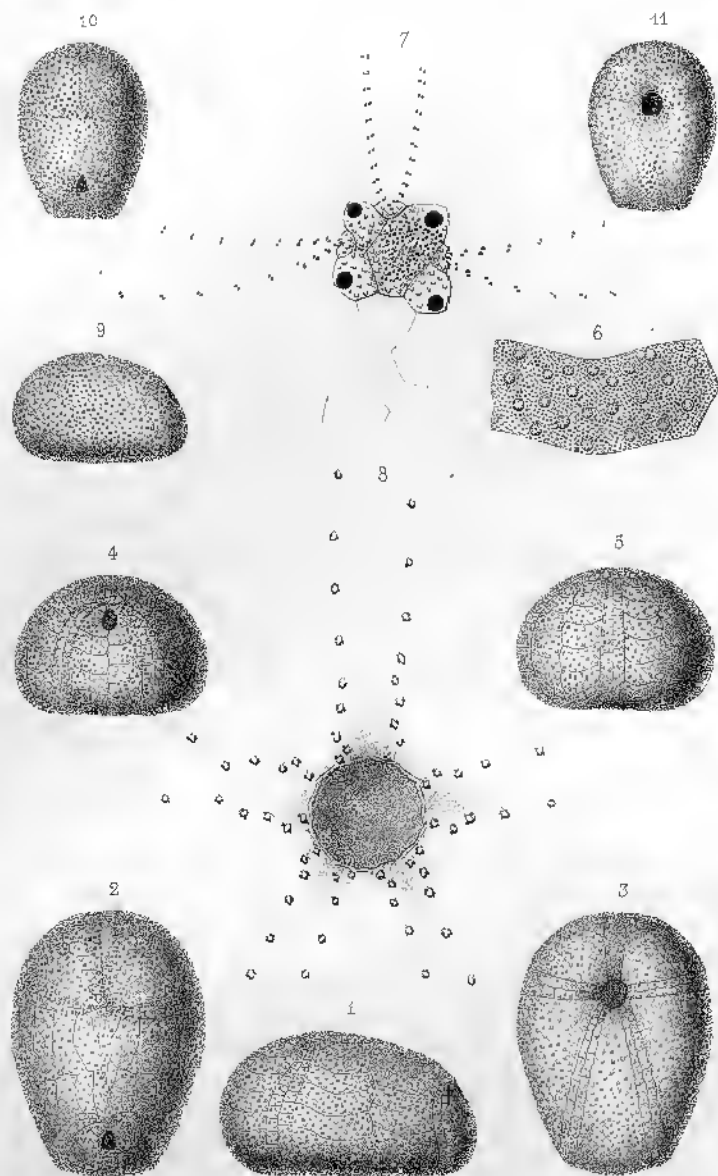
1 - 2. *Collyrites Desoriana*, Cotteau, Corallien.  
 3 - 10. *C. ——— loryi*, d'Orbigny. ———



Humbert del et lith.

Imp. Baugnot, Paris.

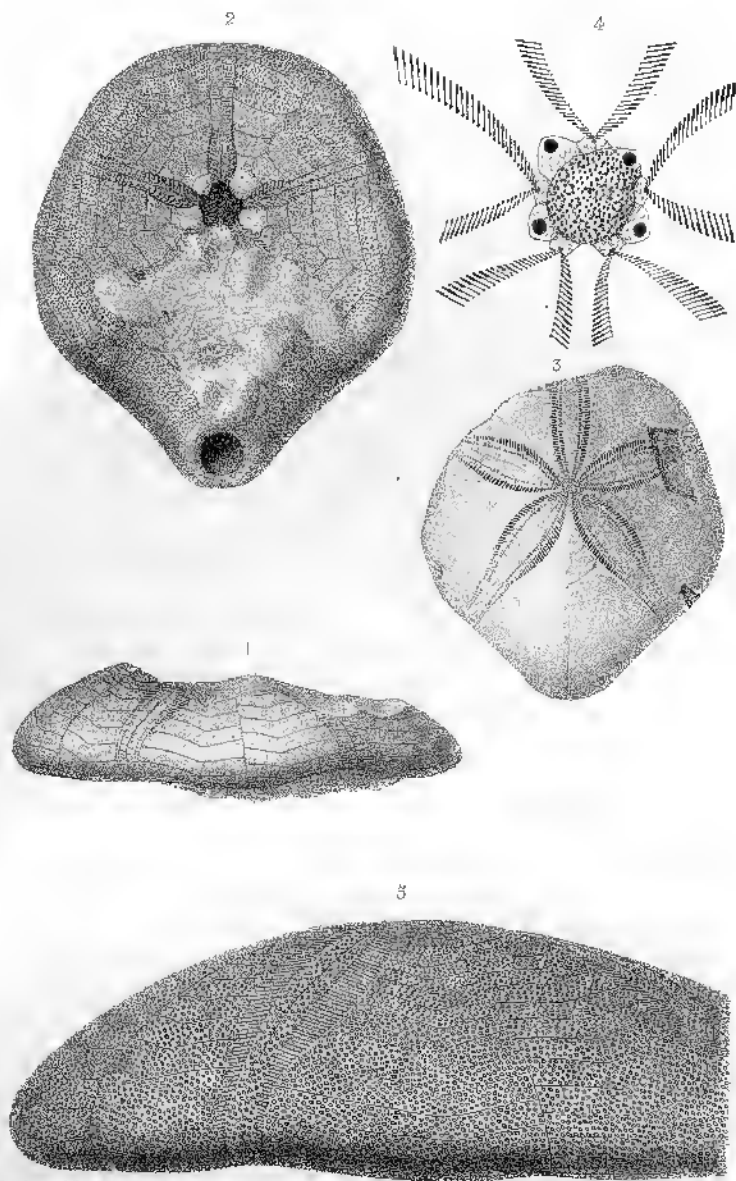
1-7. *Dysaster Moeschi*, Desor. Oxfordien.  
 8-11. *D. granulatus*, Agassiz. Oxford sup.



Humbert del. et lith.

Loup Bregnot, Paris

*Dysaster granulatus*, Agassiz. Kimmeridien.

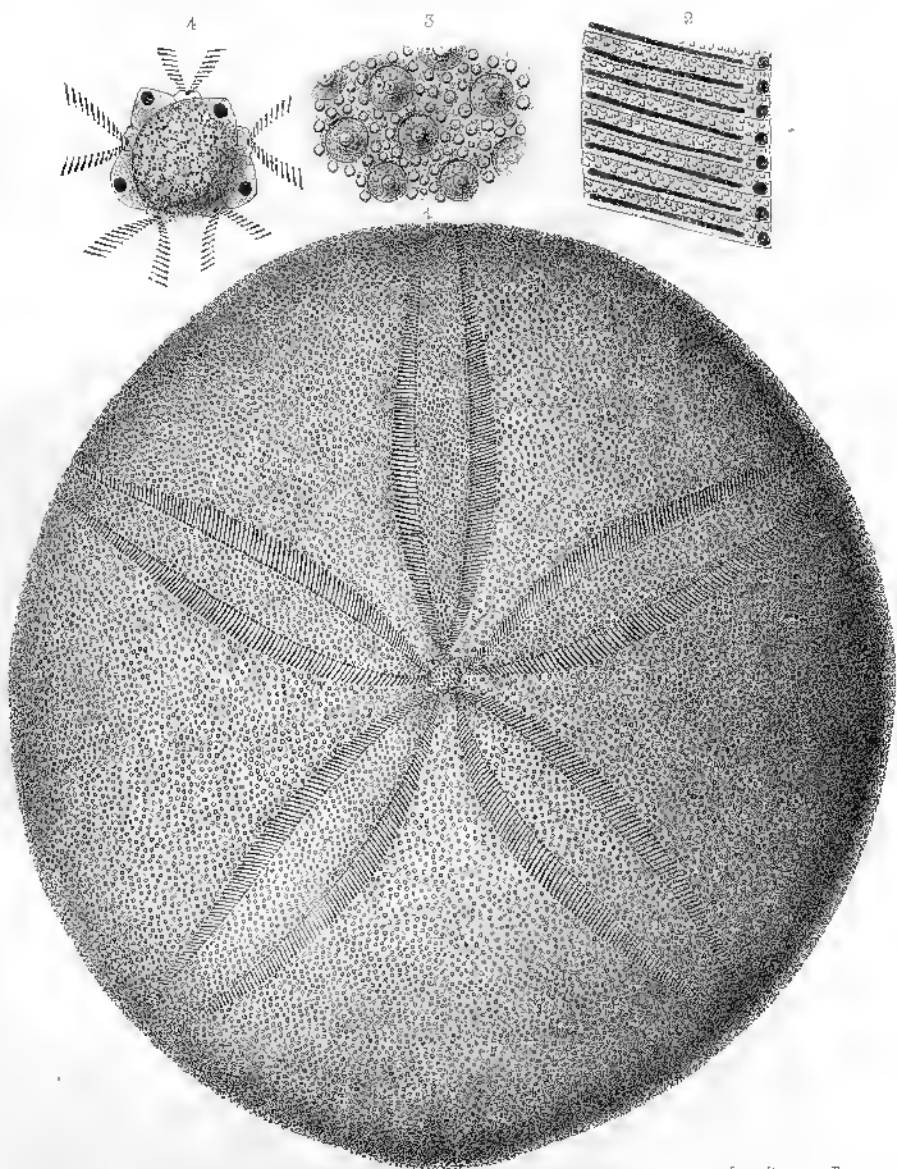


Humbert del. et lith.

Limp. Broquet, Paris.

1-4. *Pygurus acutus*, Agassiz. Bajocien.

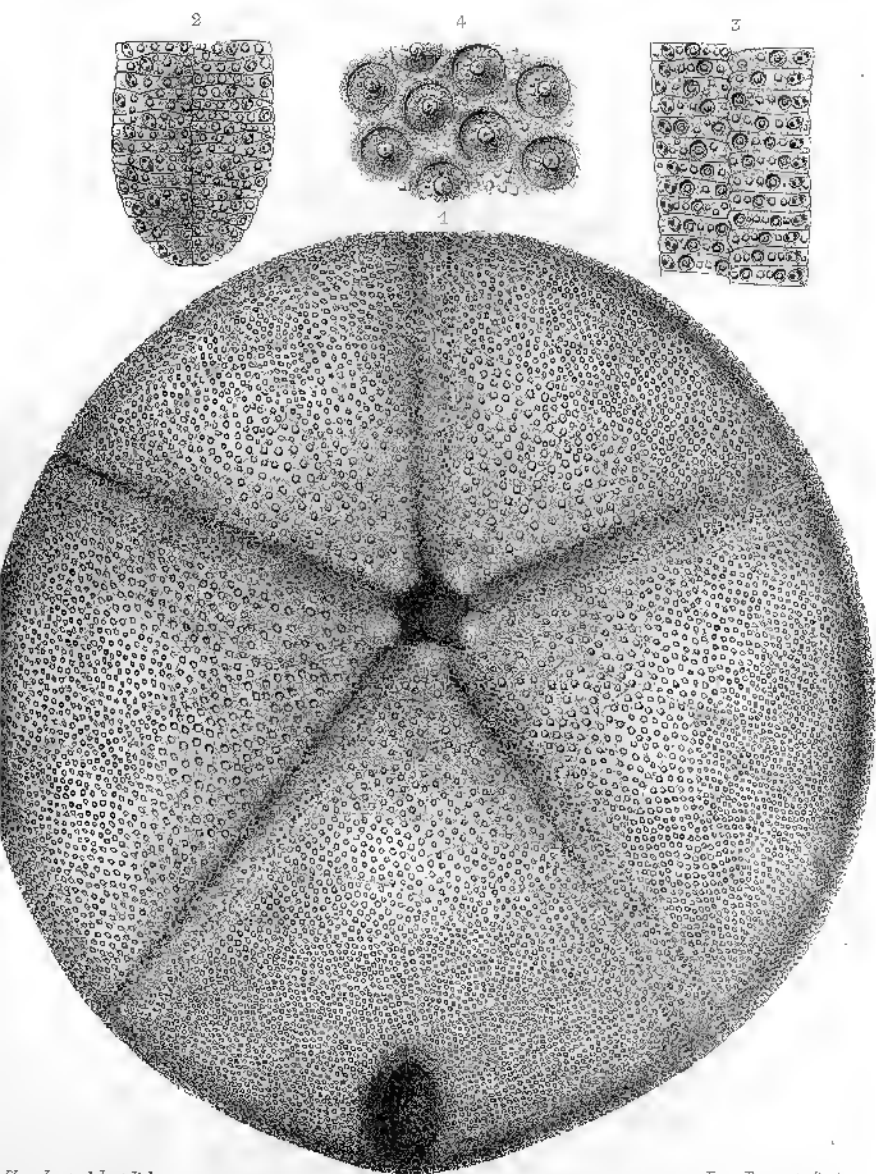
5. *P.* — *Terquemii*, Colthau. — ?



Humbert del et lith.

Imp. Buequet, Paris.

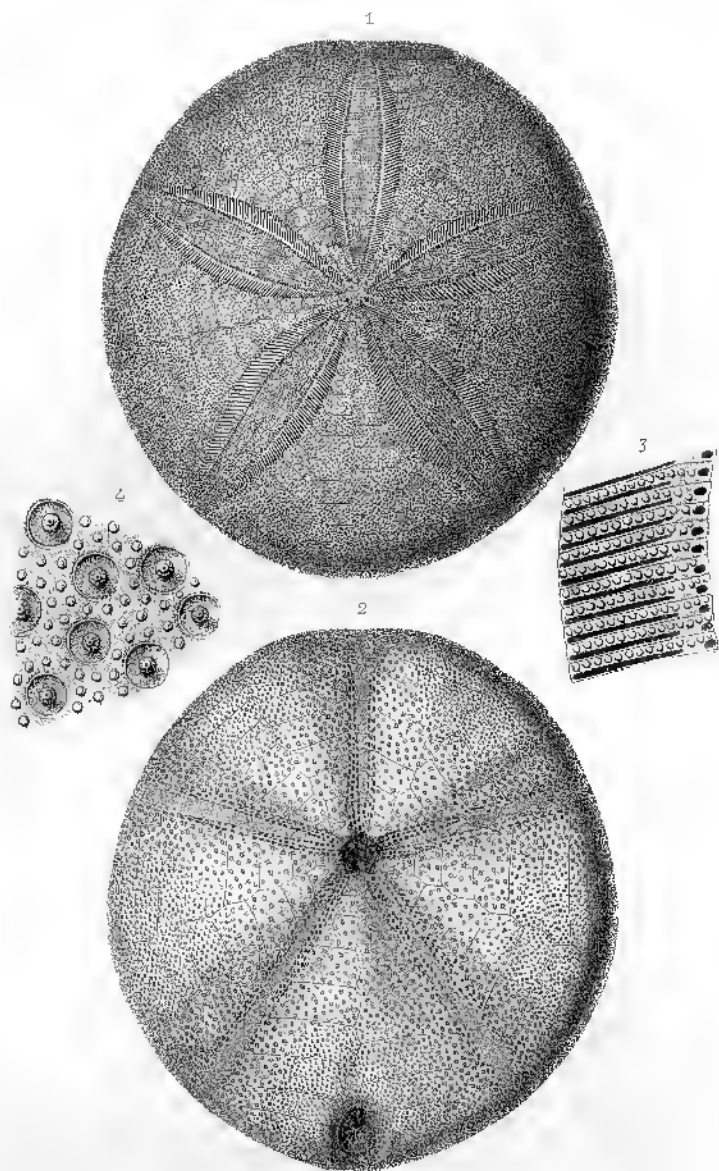
*Pygurus Terquemi*, Colteau. Bajocien ?



Humbert del. et lith

Imp. Bequaert, Paris

*Pygurus Terquemi*, Colteau. Bajocien ?

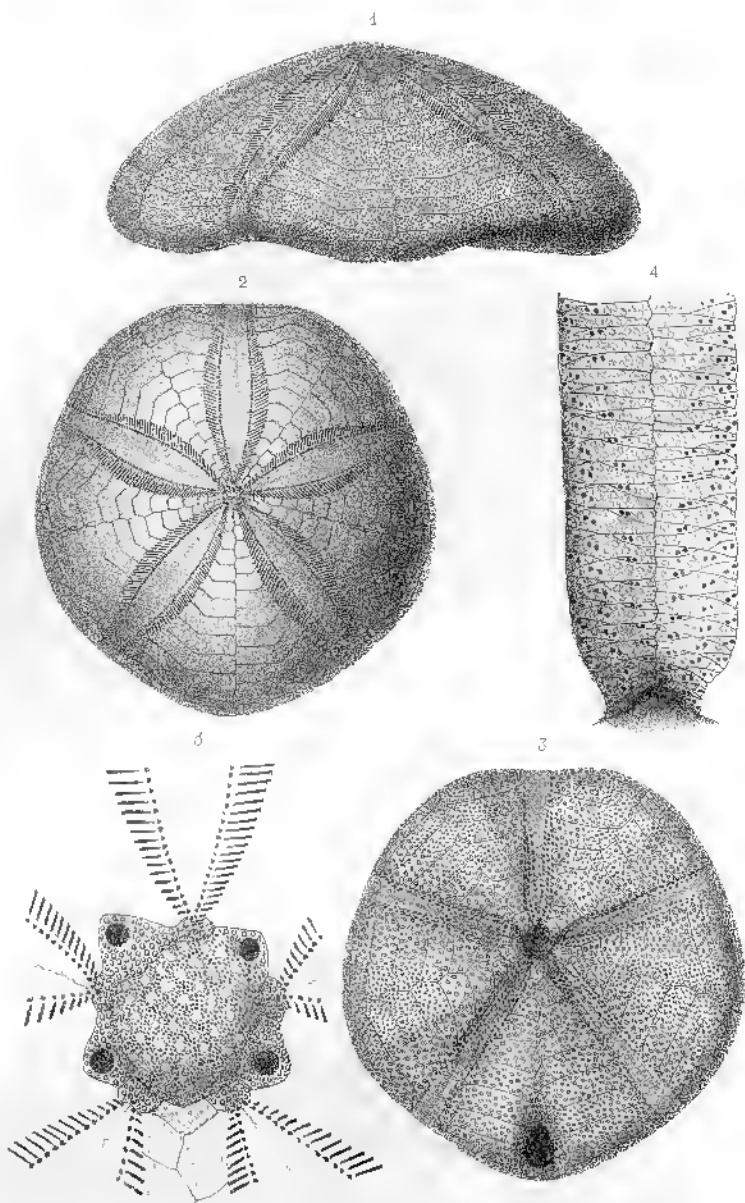


Humbert del. et lith.

Imp. Bequet, Paris.

*Pygurus Michelini*, Cottau. Bathonien.

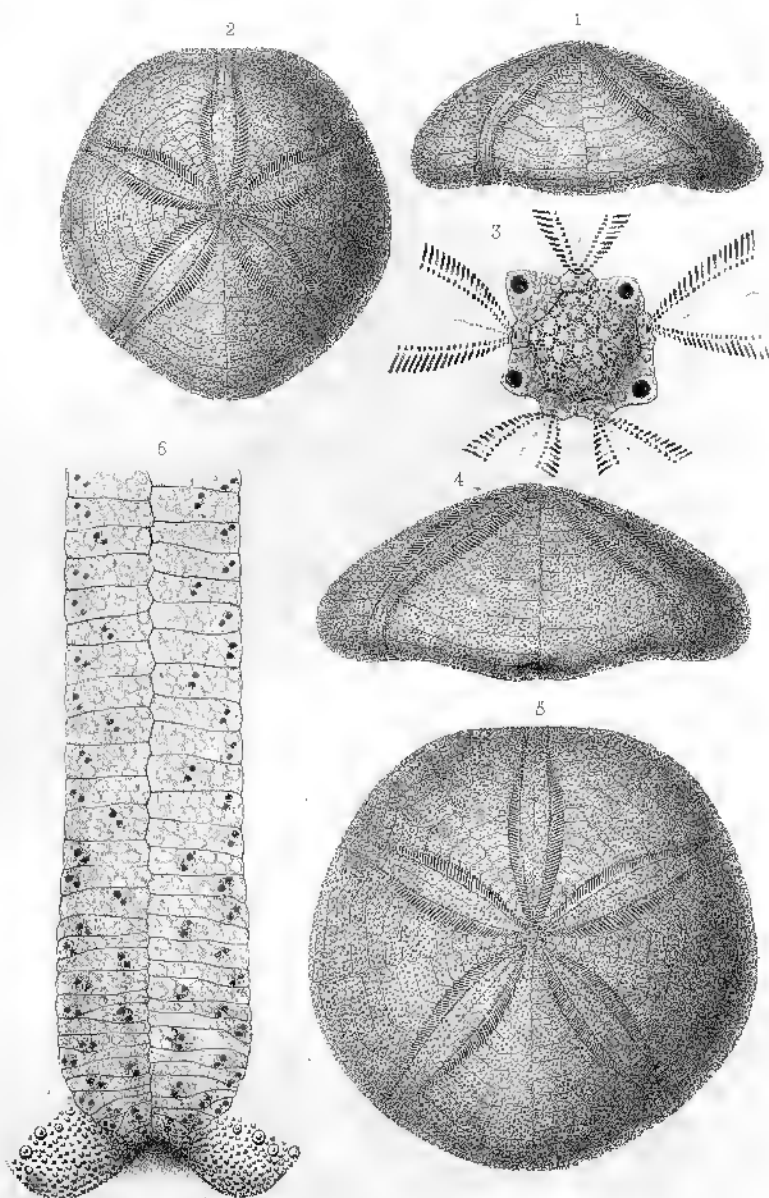




Hambert del. et lith.

Imp. Bequet, Paris

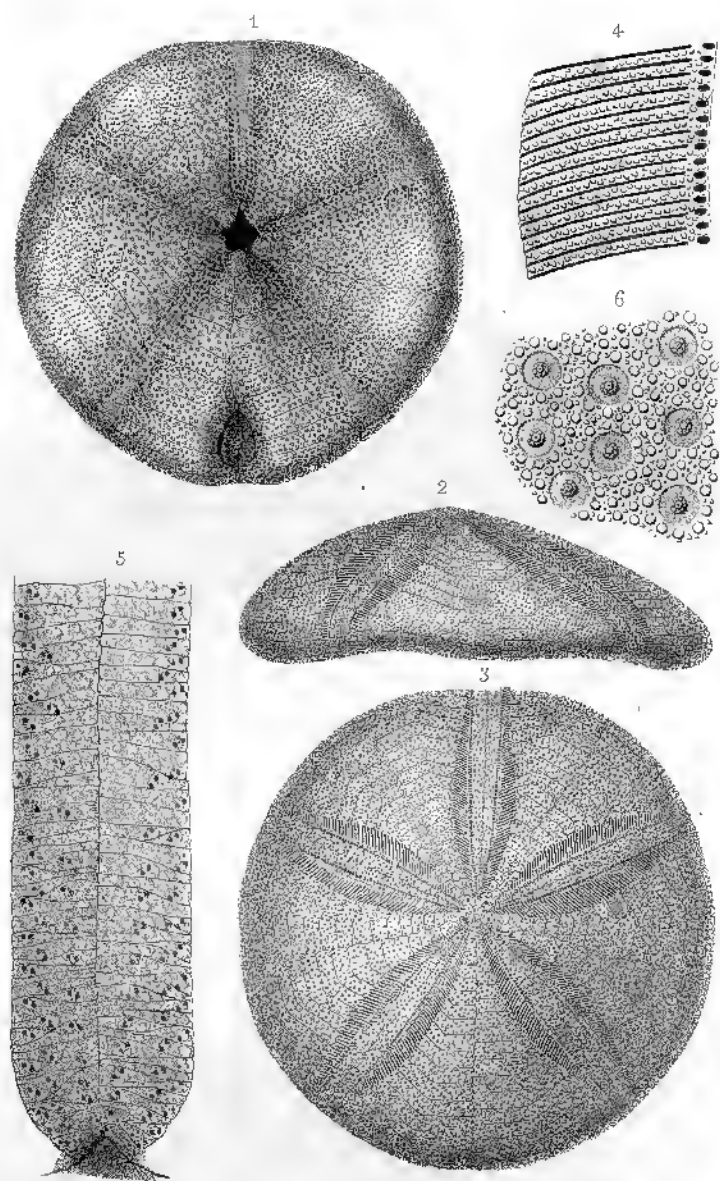
*Pygurus Michelini*, Collet. Bathonian.



Humbert del et lith.

Imp. Bequet, Paris

*Pygurus depressus*, Agassiz. Bathonien et callovien.

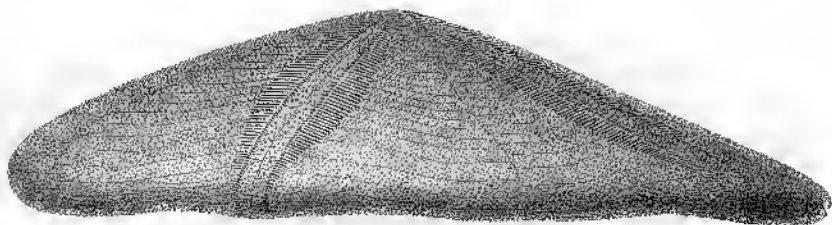


Humbert & Leth

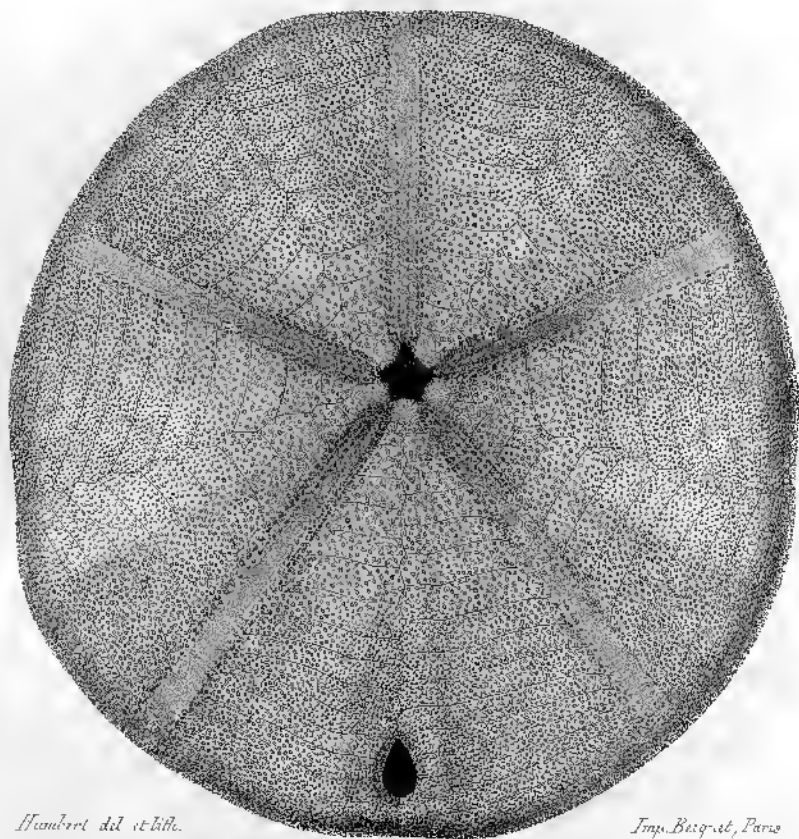
Imp. Baegert, Paris

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 2 - 6 *P. \_\_\_\_\_ Marmonti*, Beudantic, \_\_\_\_\_

1



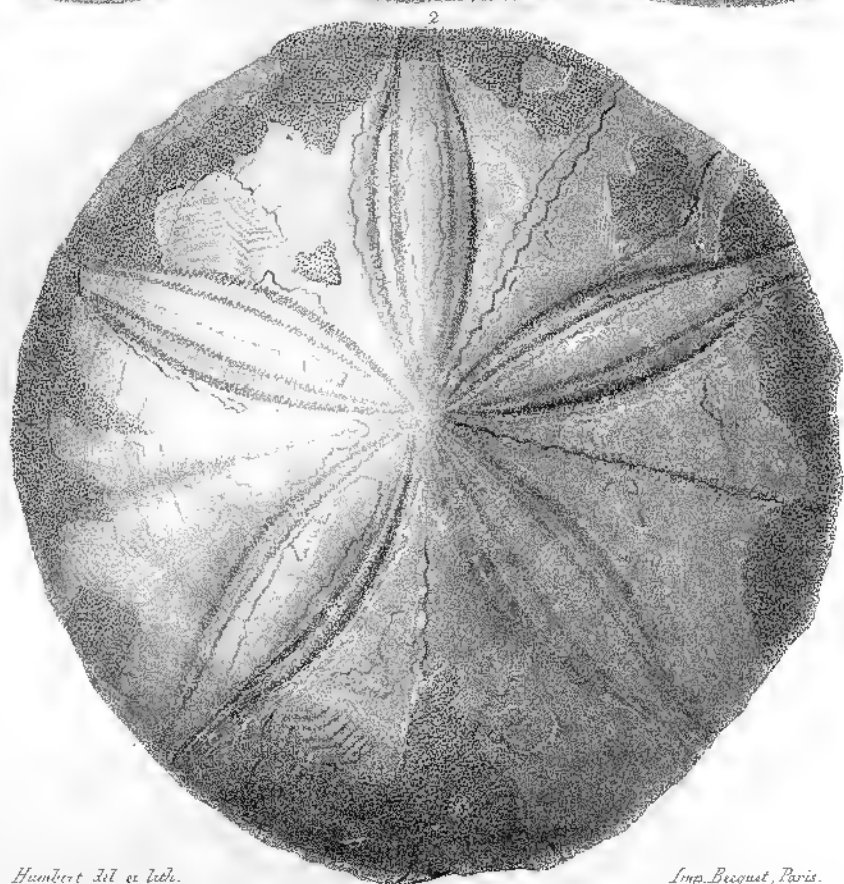
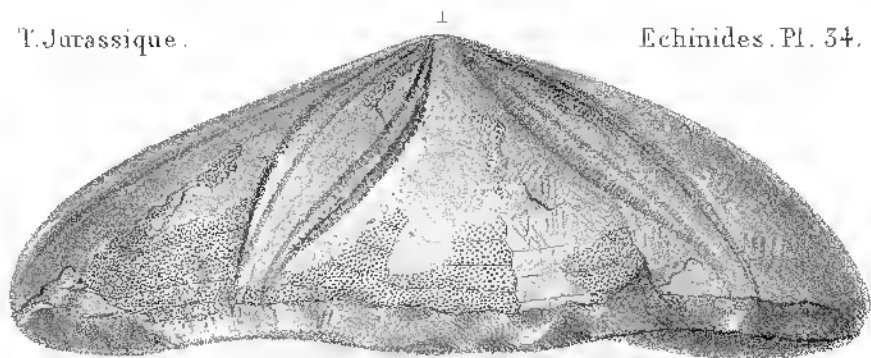
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Humbert del. et lith.

Imp. Bugeat, Paris

*Pygurus Marmonti*, Beaudouin, Callovien.

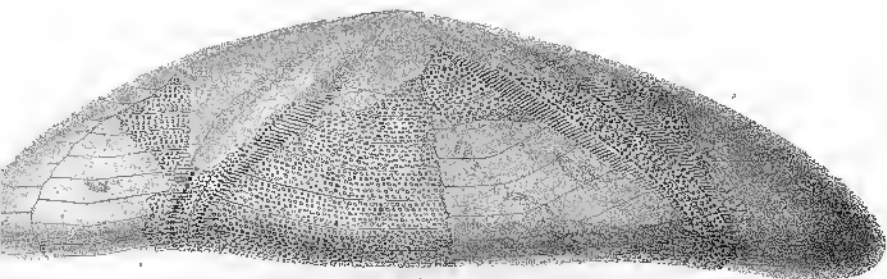


Humbert del et lith.

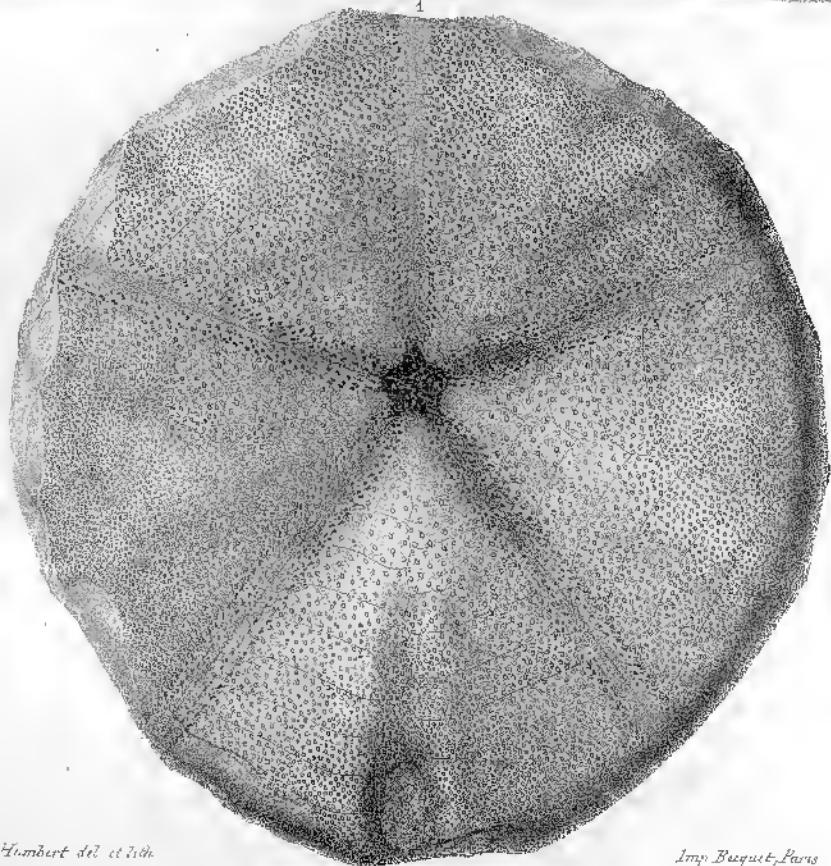
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*Pygurus Scaunensis*, Cottan. Corallien.

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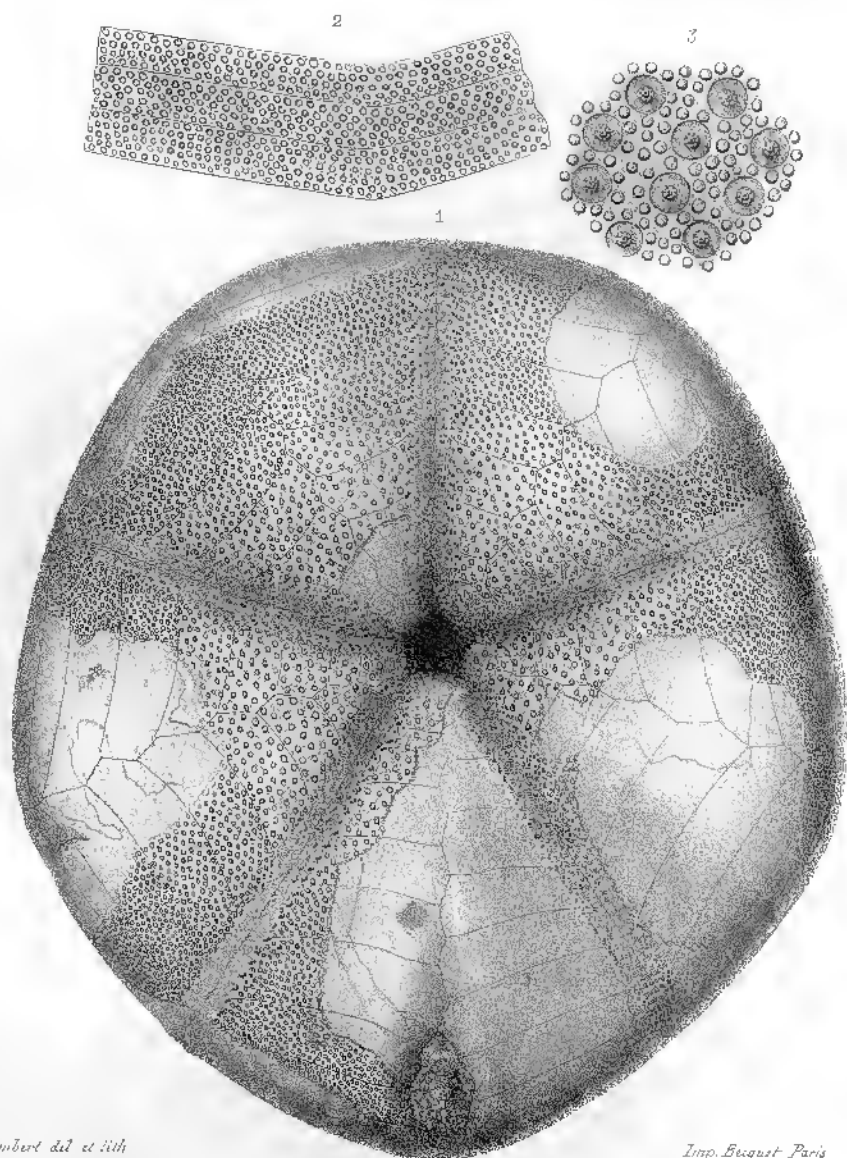
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Humbert del et lith.

Imp. Buquet, Paris

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2. *P. — Hausmanni*, Agassiz. —

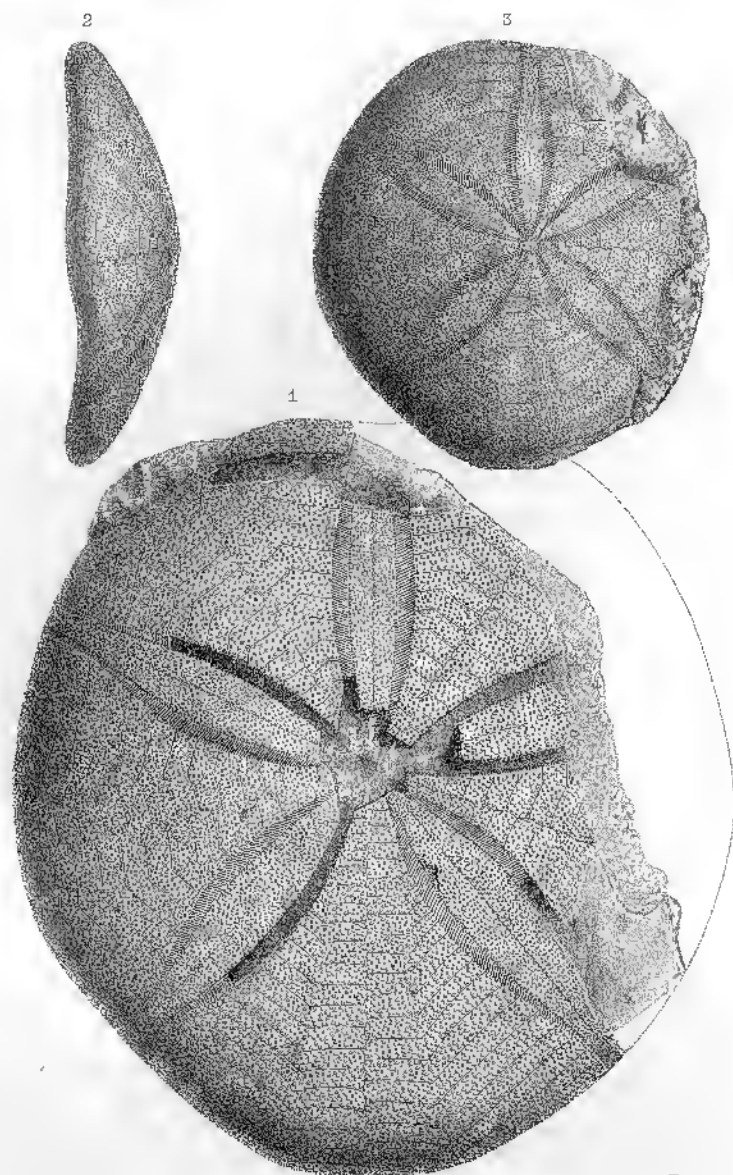


Humbert del et lith

Imp. Bequest, Paris

*Pygurus Hausmanni*, Agassiz. Corallien.





Humbert del. et lith.

Imp. Bequet, Paris

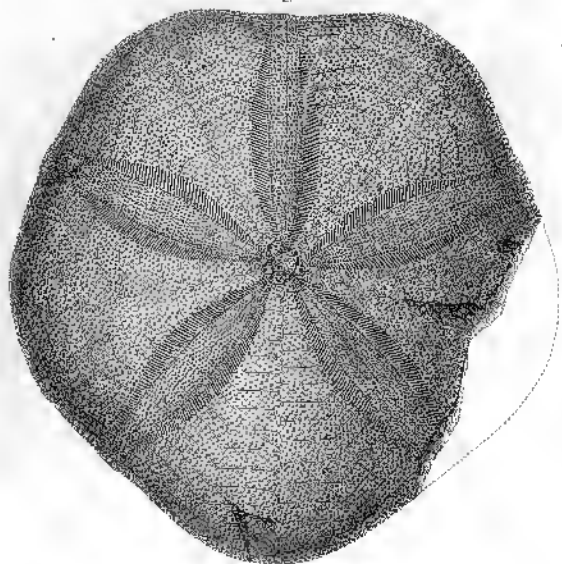
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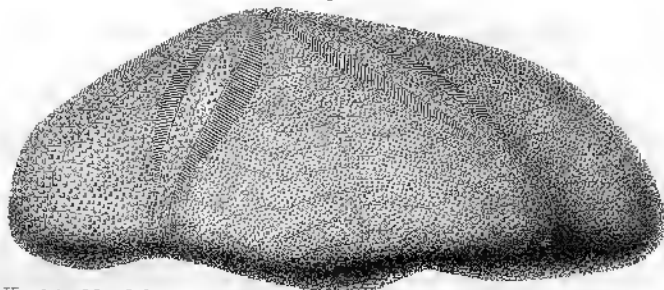
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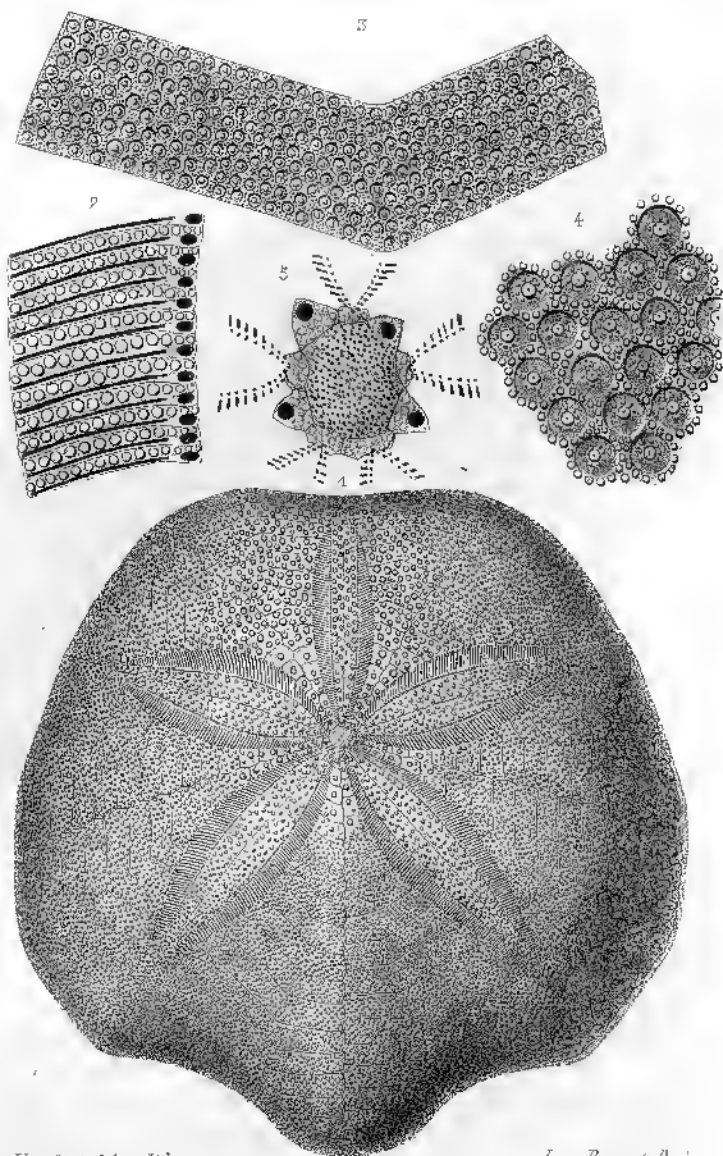


Humboldt del. et lith.

Imp. Berquet, Paris.

1-2. *Pygurus costatus*, Wright. Corallien.

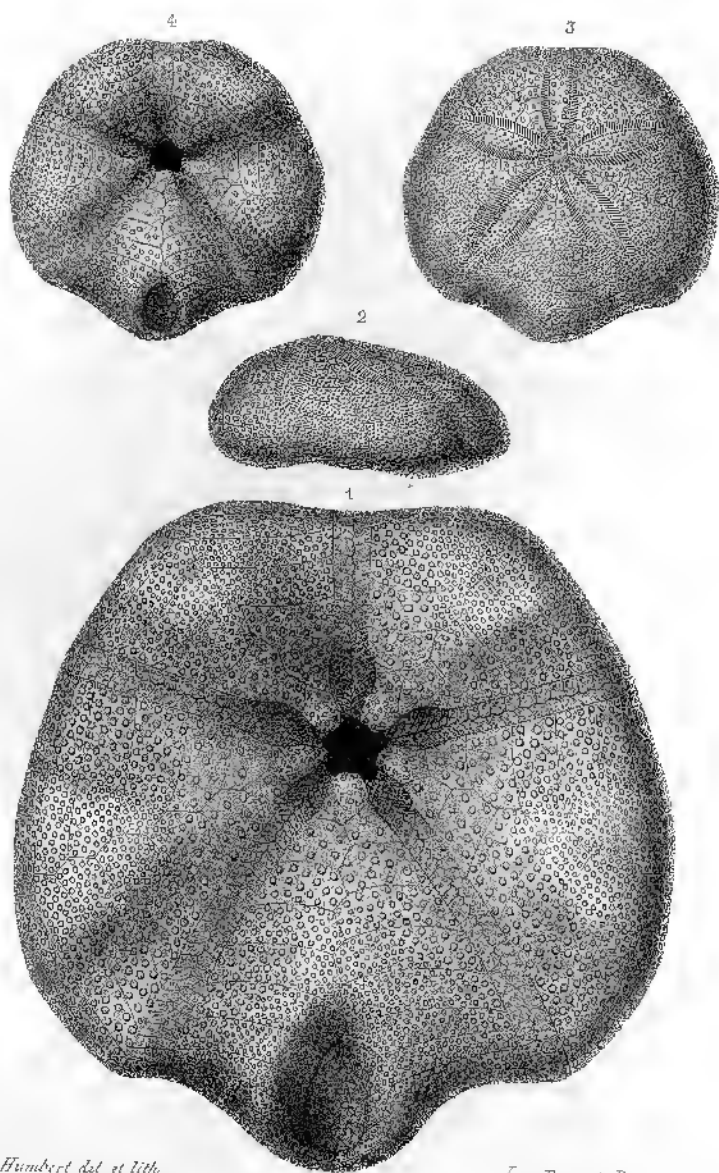
3. *P.* \_\_\_\_\_ *Blumenbachi*, Agassiz. \_\_\_\_\_



Humbert del. et lith.

Insp. Becquet, Paris.

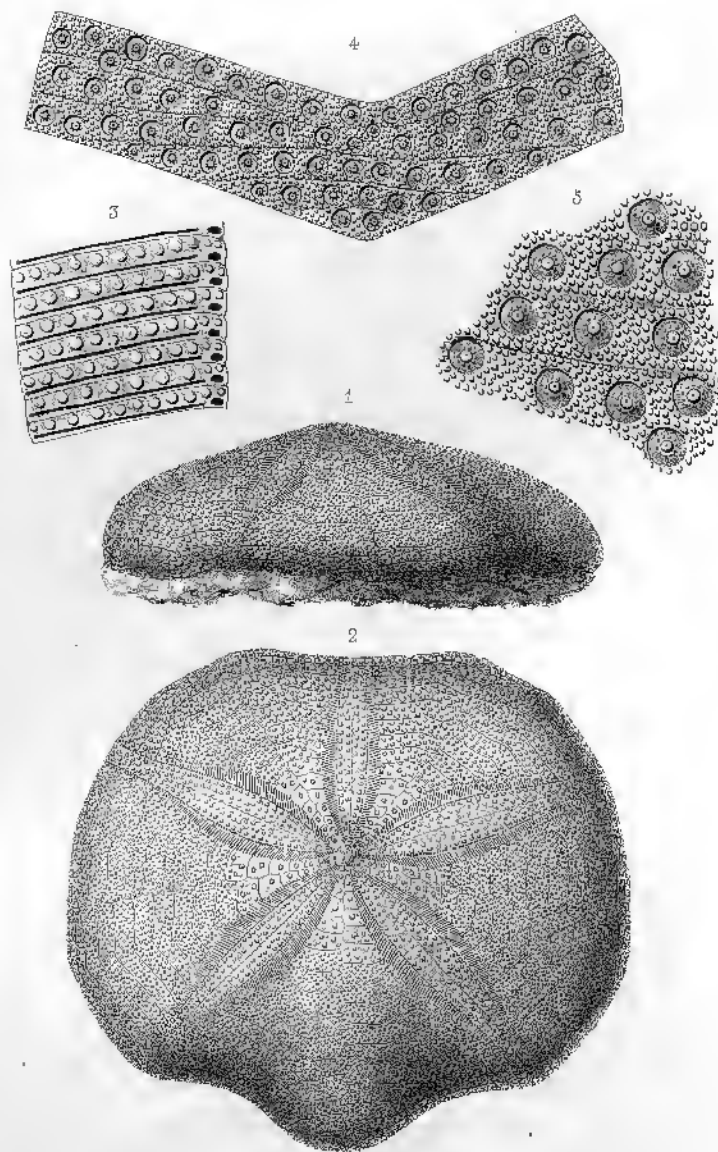
*Pygurus Blumenbachi*, Agassiz. Corallien.



Humbert del et lith.

J. Dup. Doregue Paris

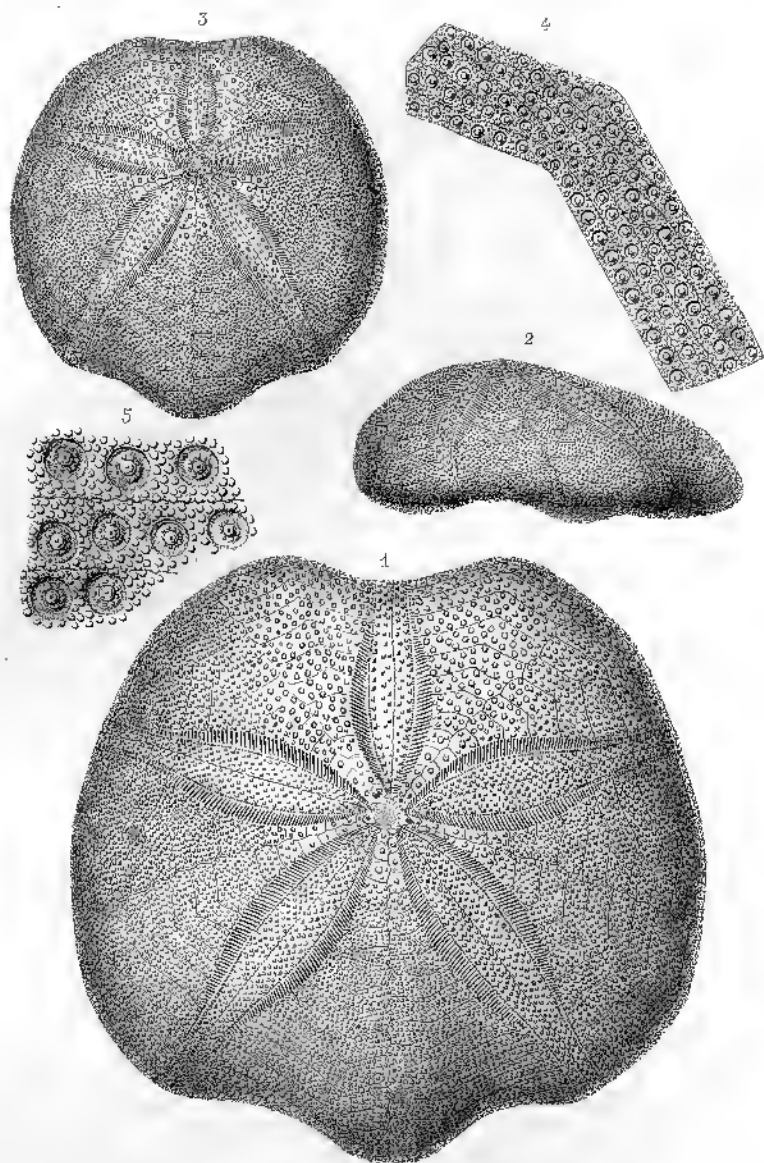
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Humbert del. et lith.

Imp. Bequet, Paris.

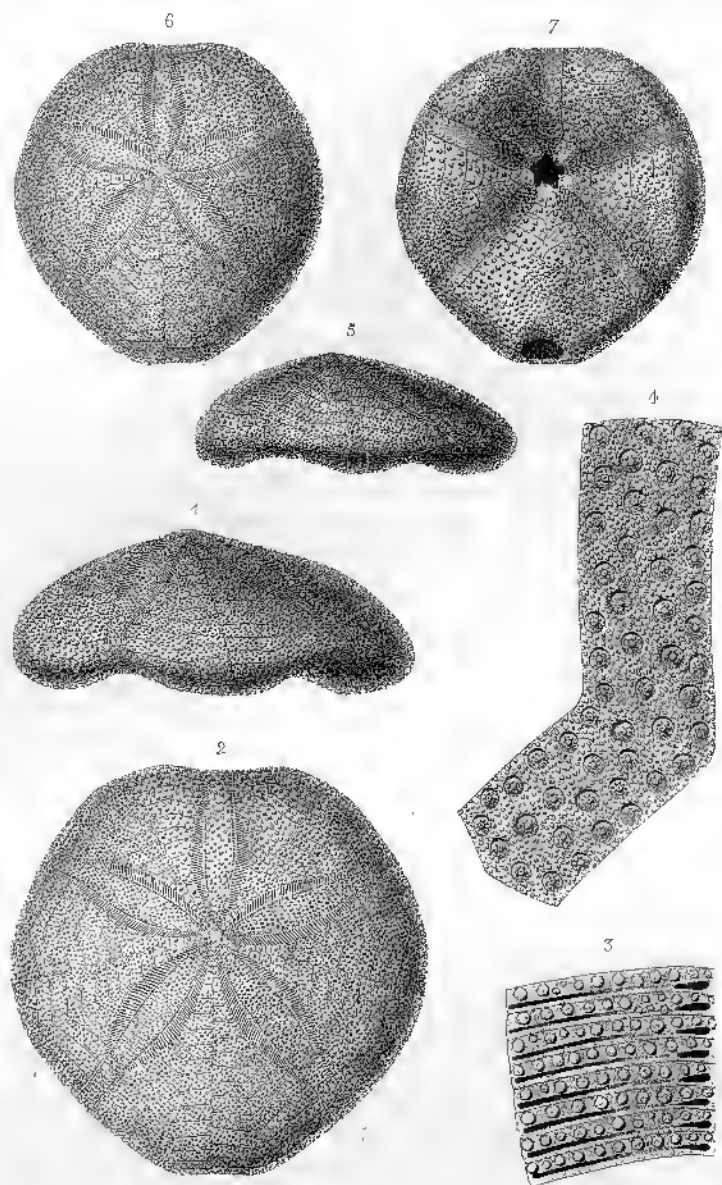
*Pygurus Royeri*, Collet. Kimmeridgien.



Humbert del. et lith.

Imp. Buquet, Paris.

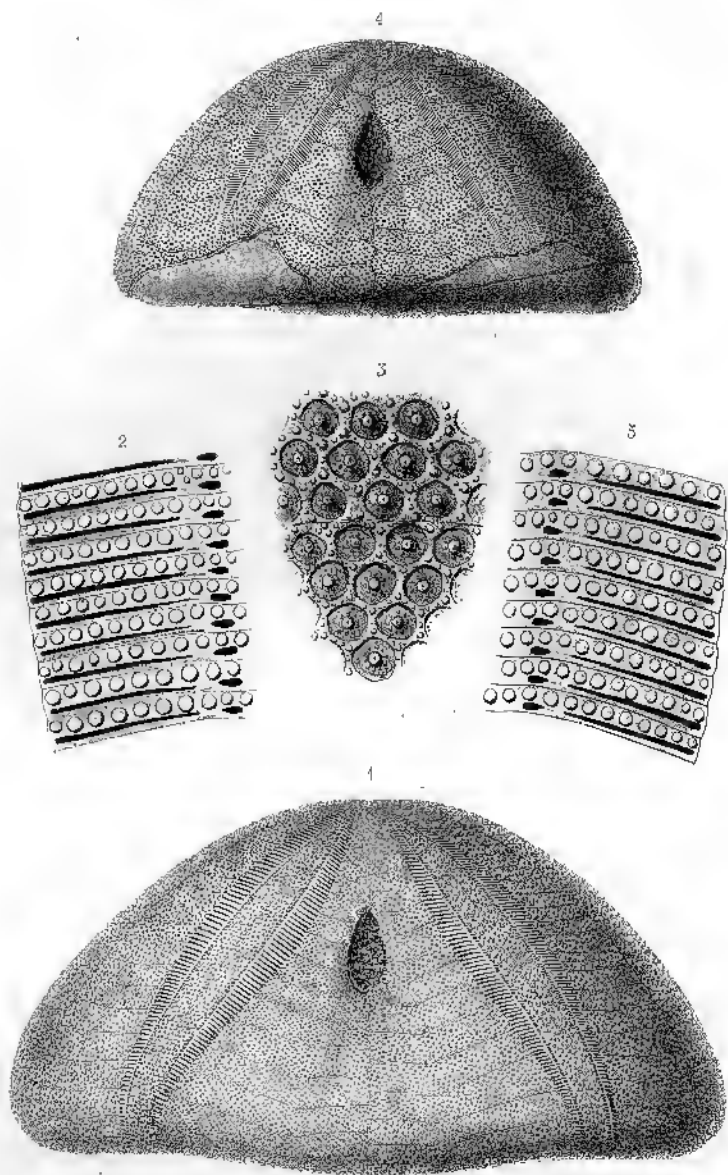
*Echinurus Royerianus*, Cothau. Portlandien.



Humbert del. et lith.

Imp. Buquet, Paris.

*Pygurus jurensis*, Marcou. Kimmeridgien.

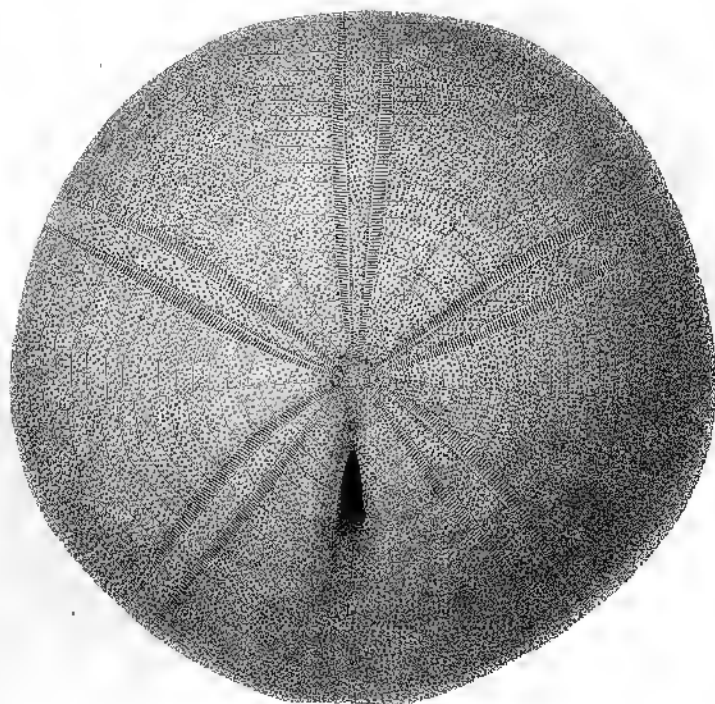


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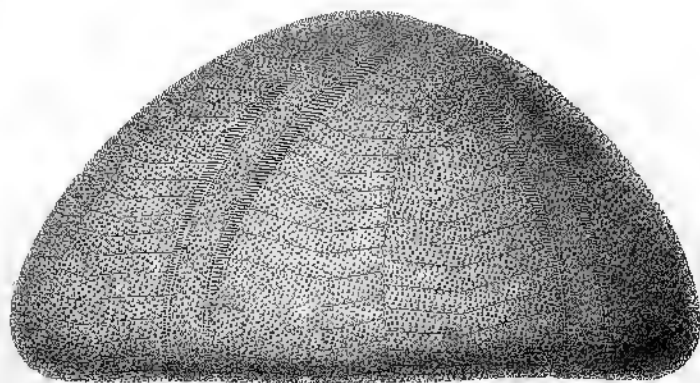
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*Clypeus Agassizi, Wright.*

2



1

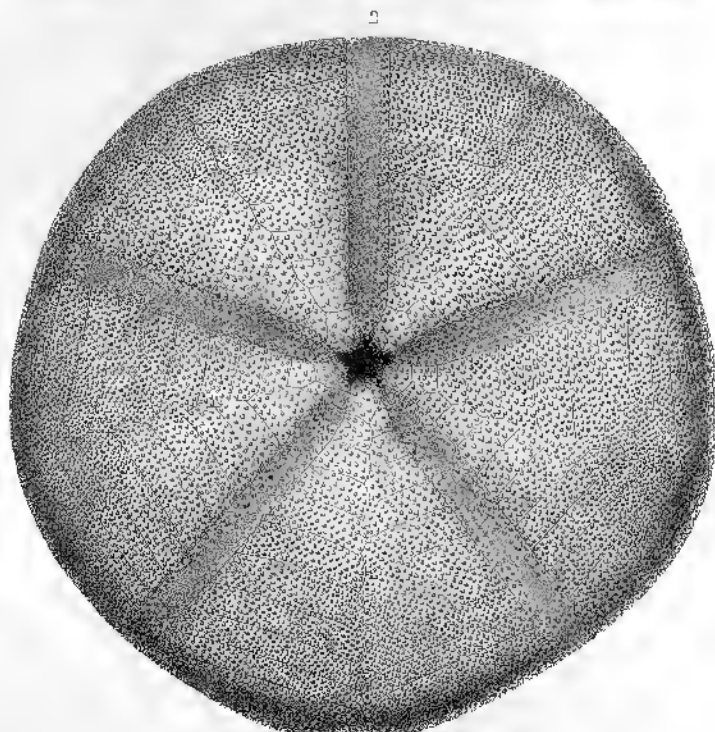
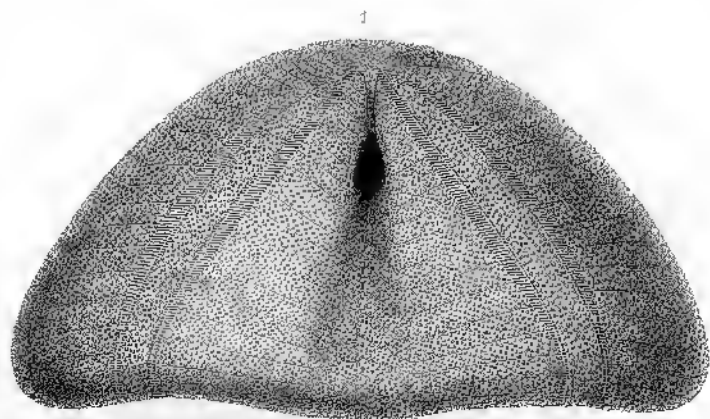


Humbert del. et lith

Loup Boquet, Paris

*Clypeus Trigeri, Cottian. Bajocien.*



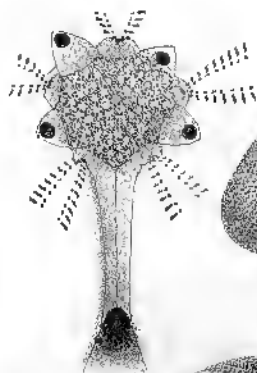


Humbert del. et lith.

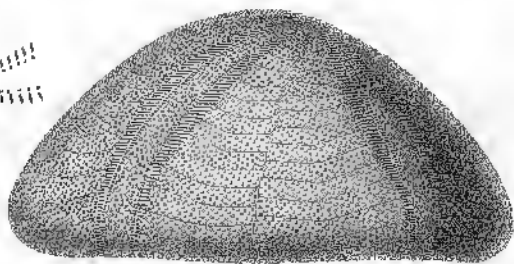
Imp. Beyer et Fils

*Clypeus Trigeri*, Coltau. Bajocien.

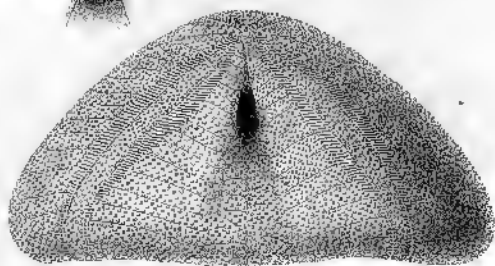
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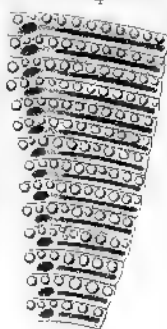
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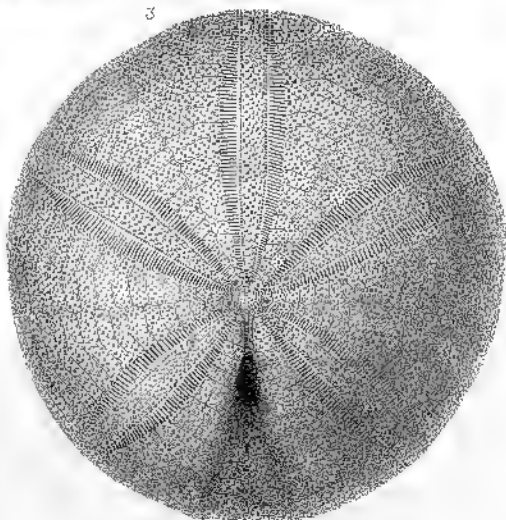
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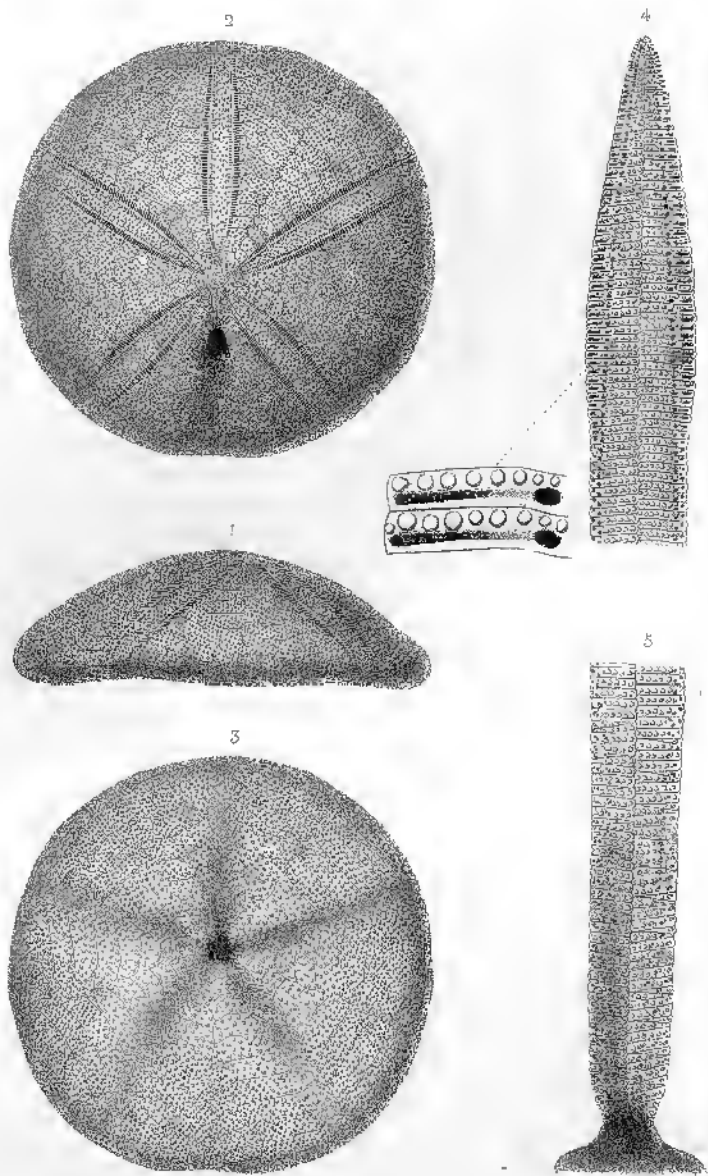
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Hanibert del. et lith.

Imp. Broquet, Paris

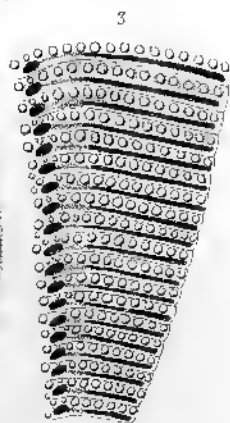
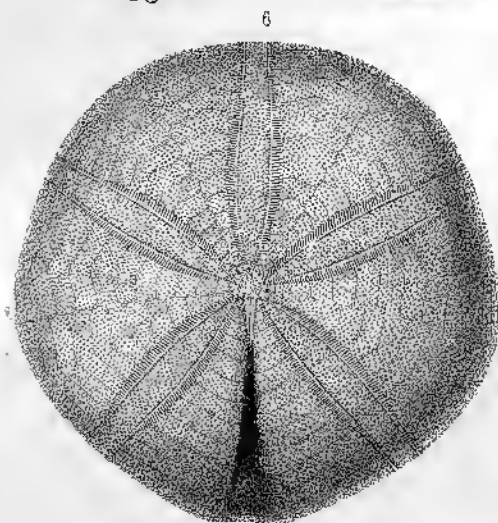
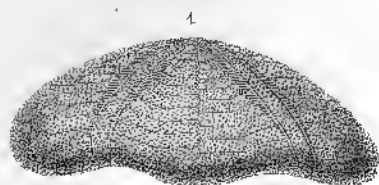
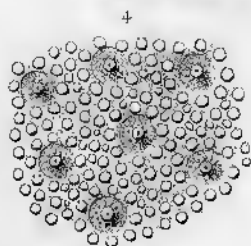
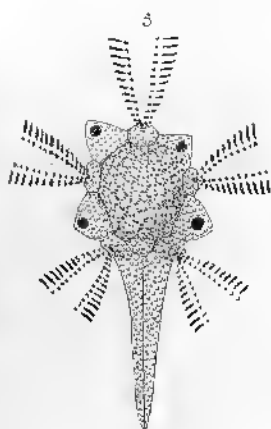
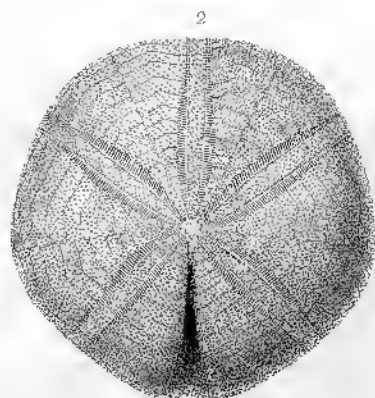
*Clypeus Trigeri*, Colteau. Bathonien.



Humbert del. et lith.

Imp. Berquet, Paris.

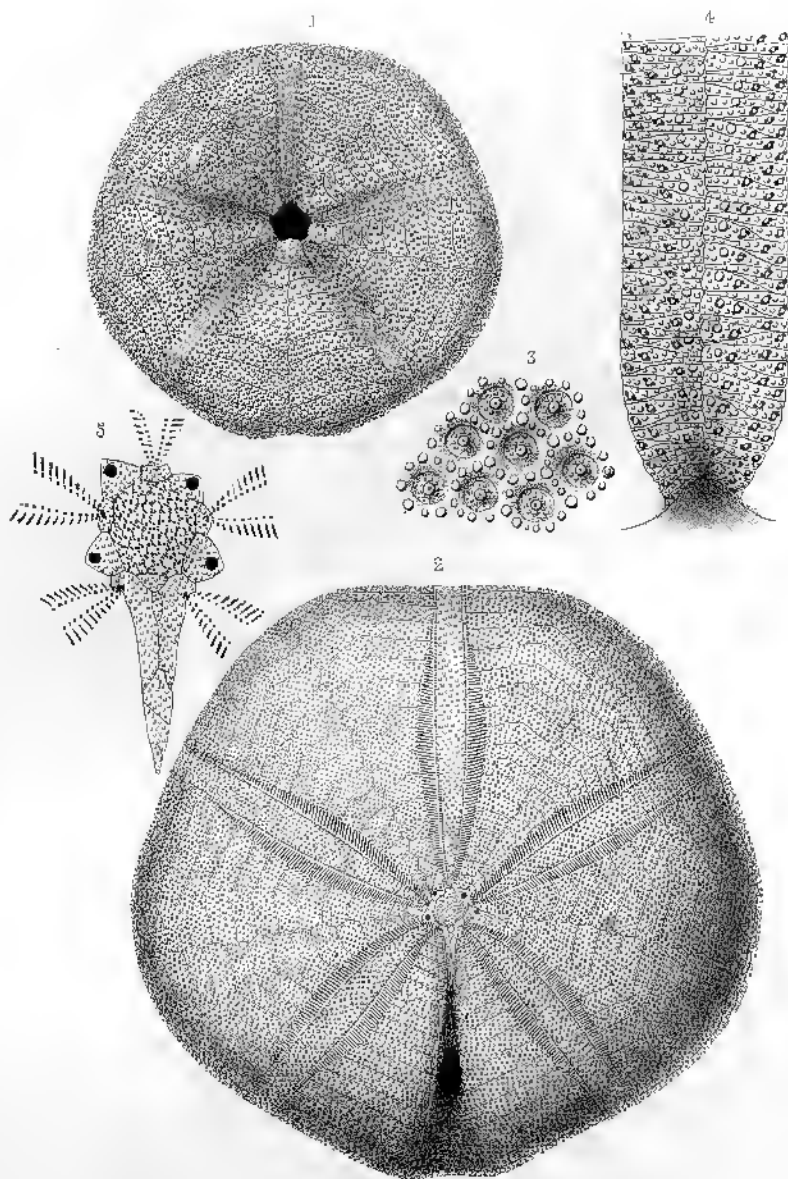
*Clypeus angustiporus*, Agassiz. Bajocien ?



Humboldt del. et lith.

Imp. Berquet, Paris

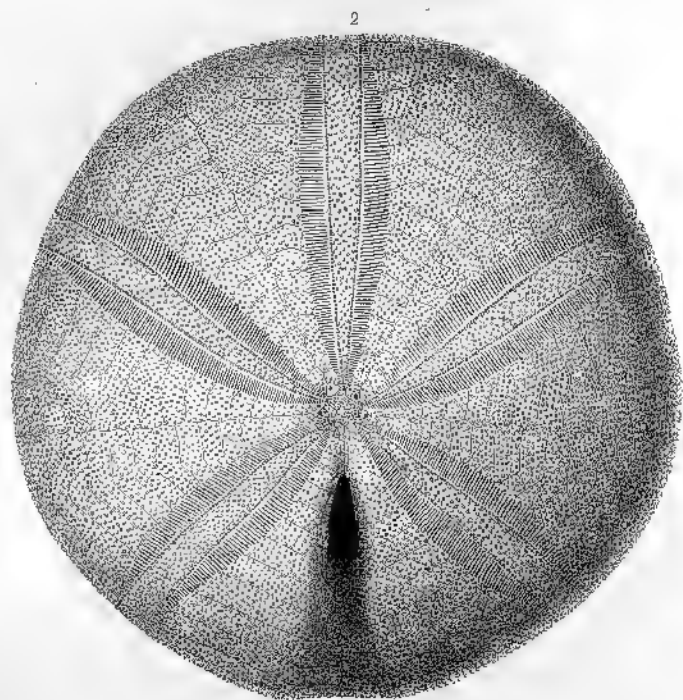
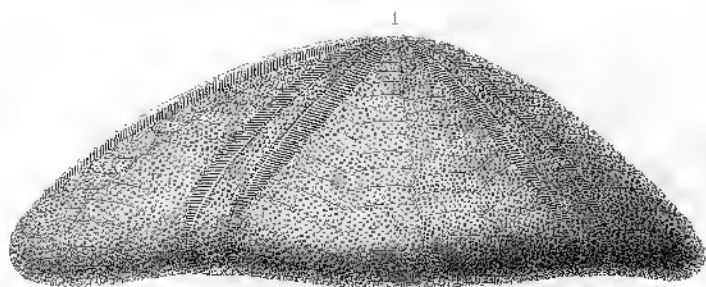
*Clypeus Osterivaldi, Desor. Bajocien.*



Humbert del. et lith.

Imp. Boquet, Paris.

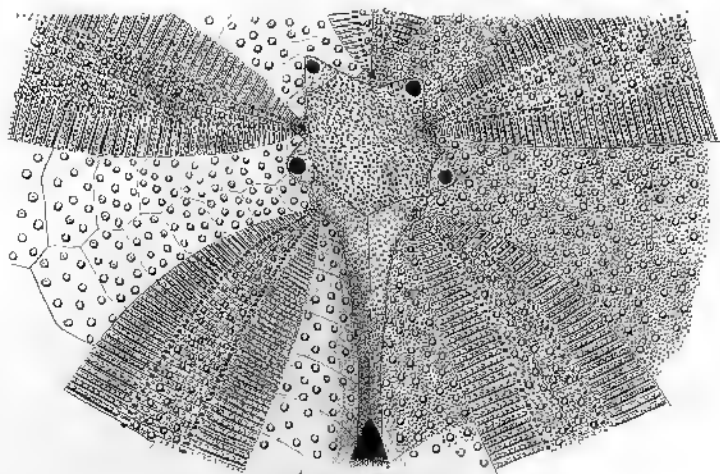
*Clypeus Osterwaldi, Desor. Bathonien.*



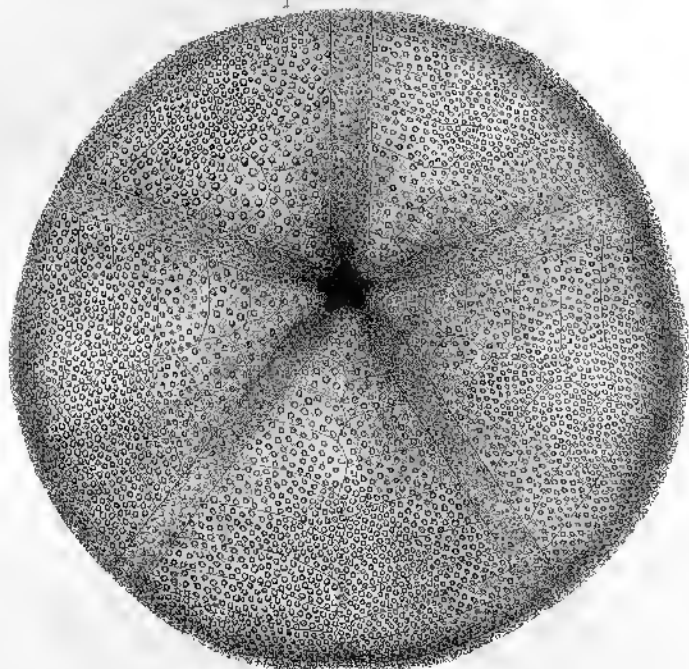
Humbert del. et lith

Imp. Biquet, Paris.

*Clypeus Ploti*, Klein. Bajocien et Bathonien.



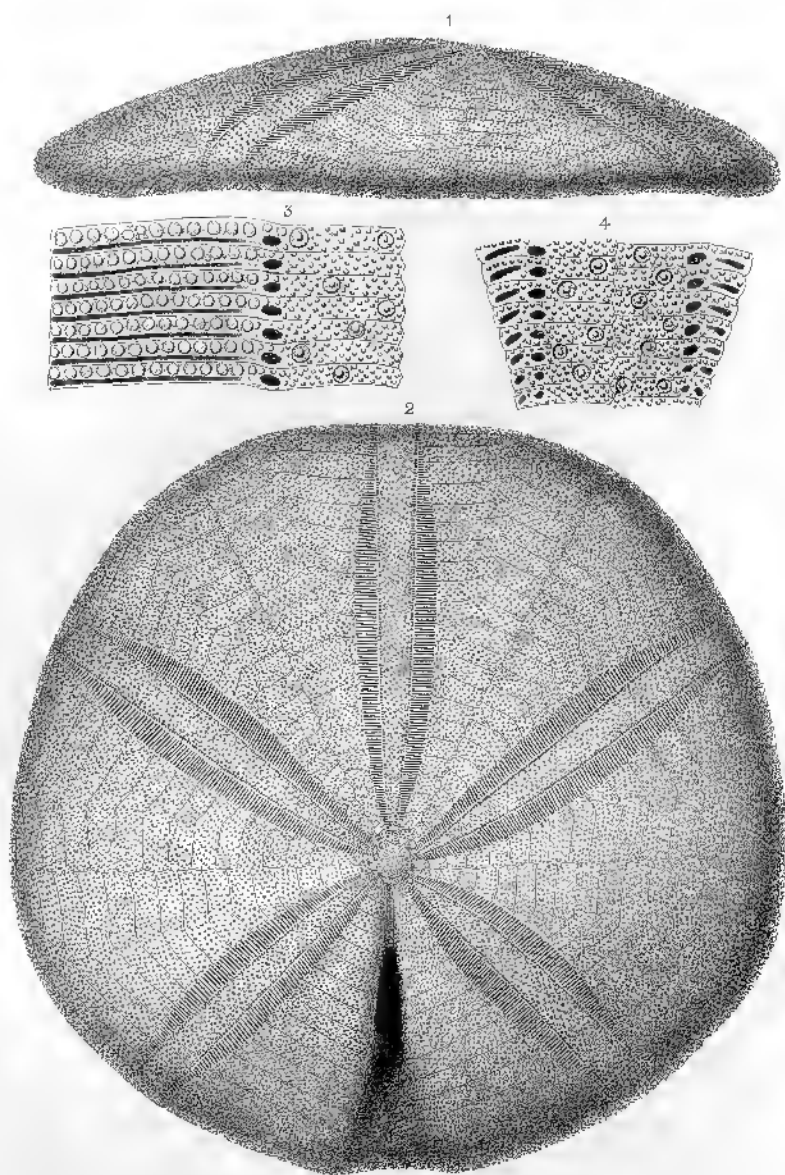
1



Humbert del. et lith.

Imp. Bequet, Paris.

*Clypeus Ploti, Klein. Bajocien et Bathonien.*

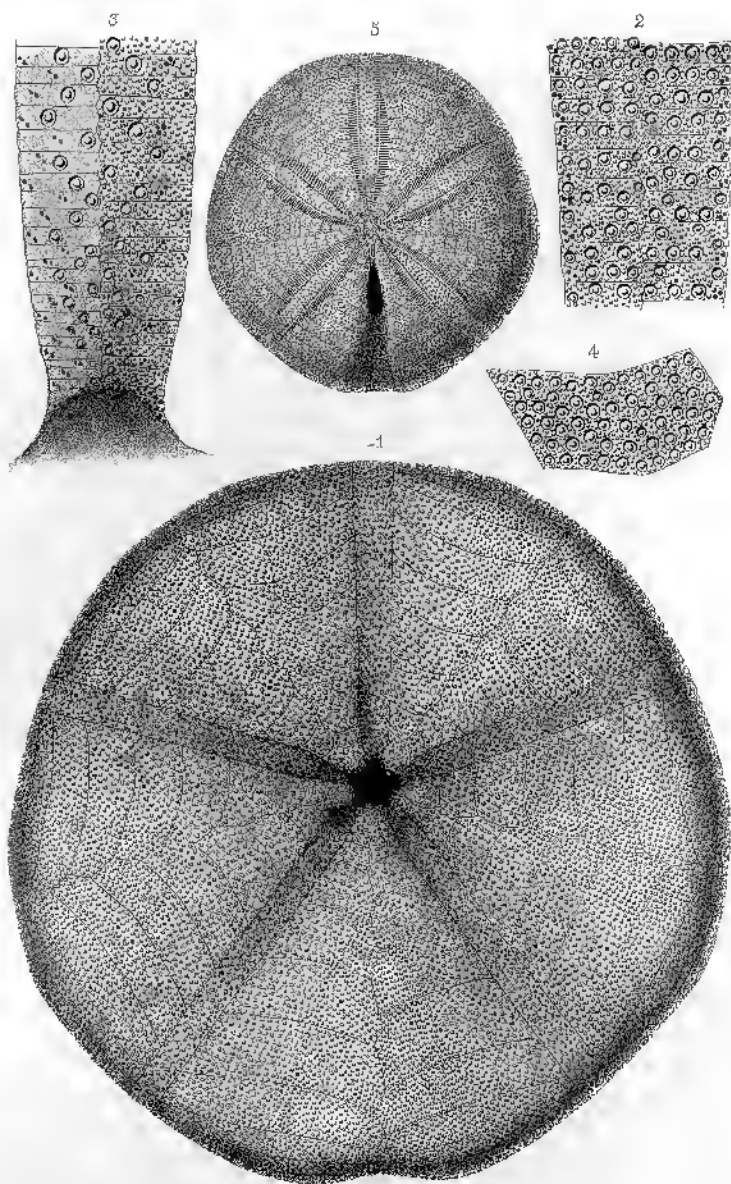


Humbert del et lith

Imp. Buquet Paris

*Echinus Dohlayei, Michelin-Bathonien.*



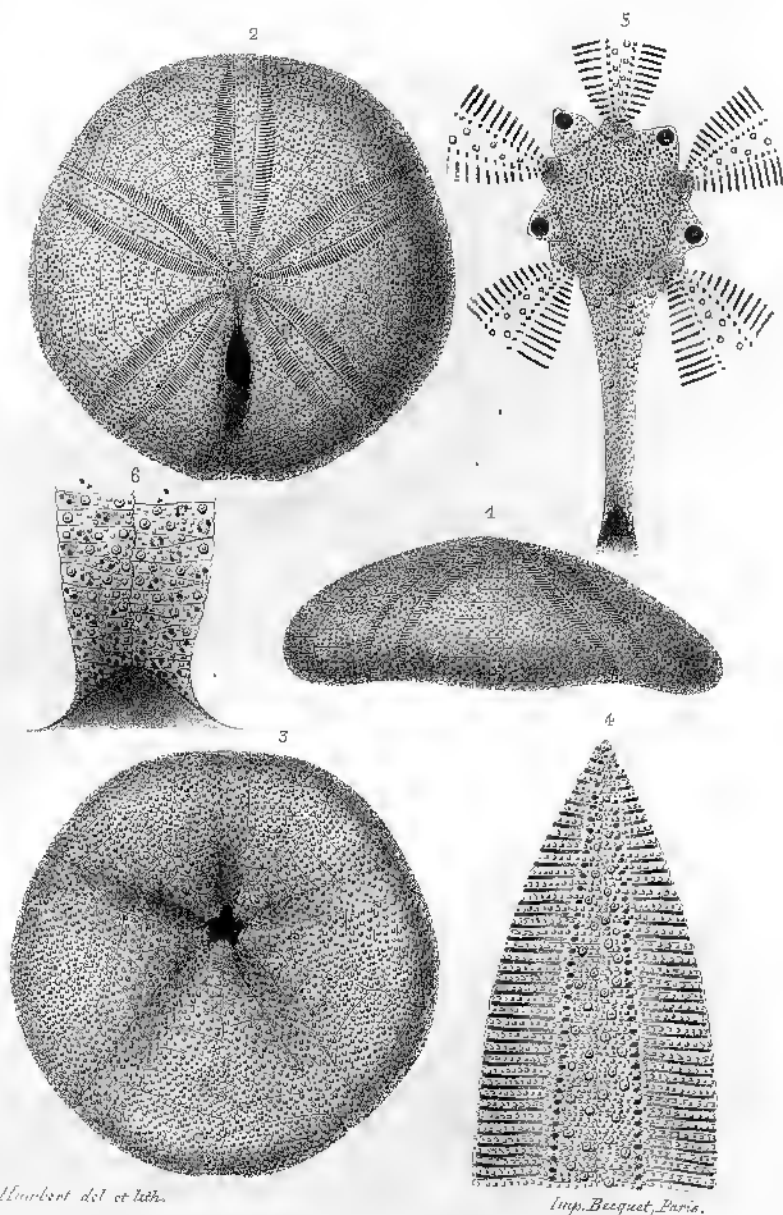


Humbert del et lith.

Imp. Bisquet, Paris.

1 - 4. *Clypeus Boblayei*, Michelin. Bathonien.

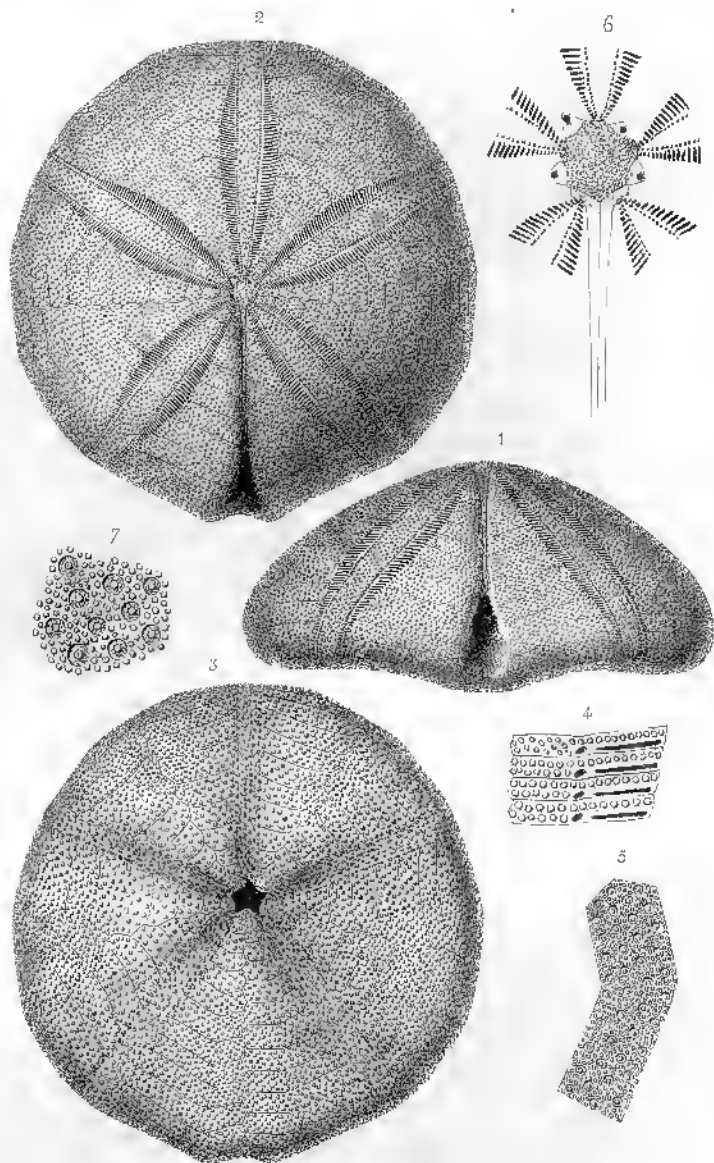
5. *C. — Mulleri*, Wright. —



Murlet del et lith.

Limp. Becquet, Paris.

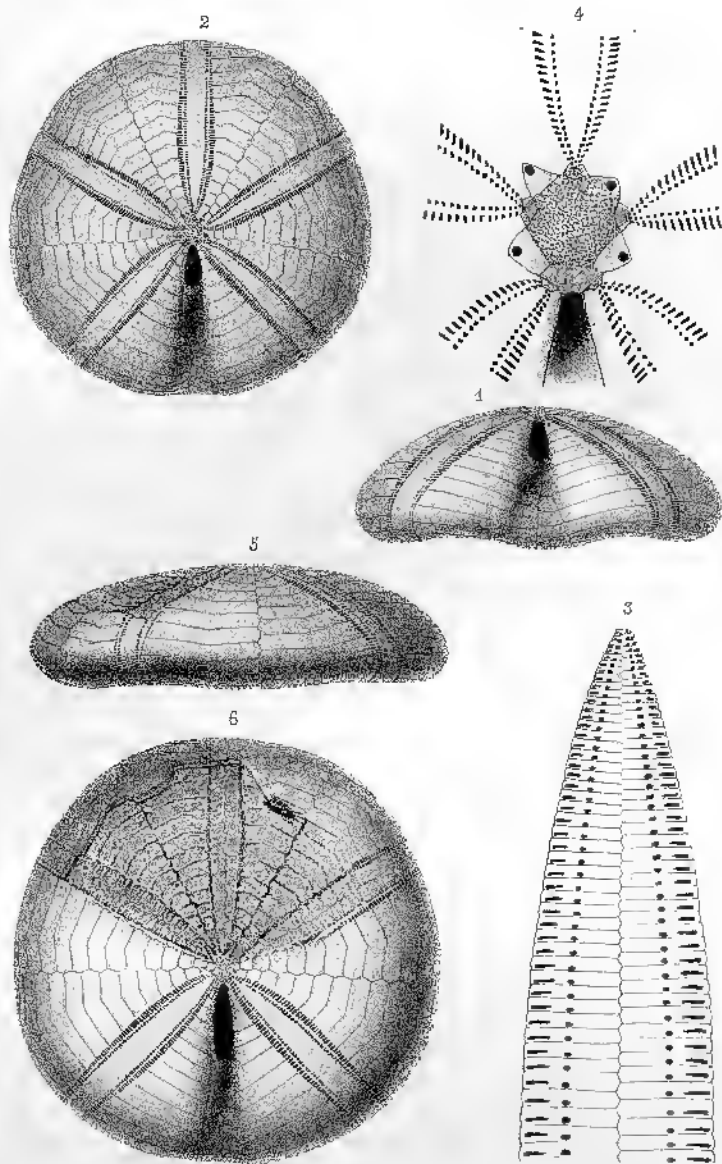
*Clypens Mulleri, Wright. Bathonien.*



Humbert del. et lith.

Lap. Berquet, Paris.

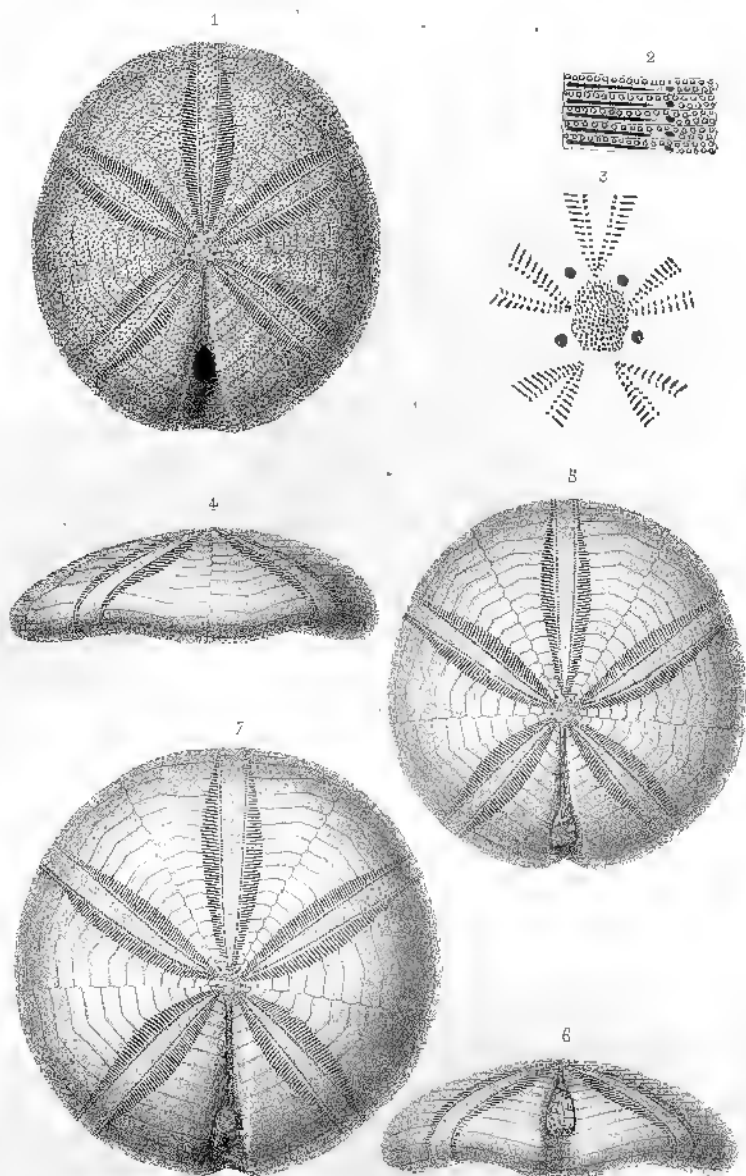
*Clypeus Davoustianus, Cretac. Bathonien.*



Humbert del. et lith.

Imp. Baquet, Paris

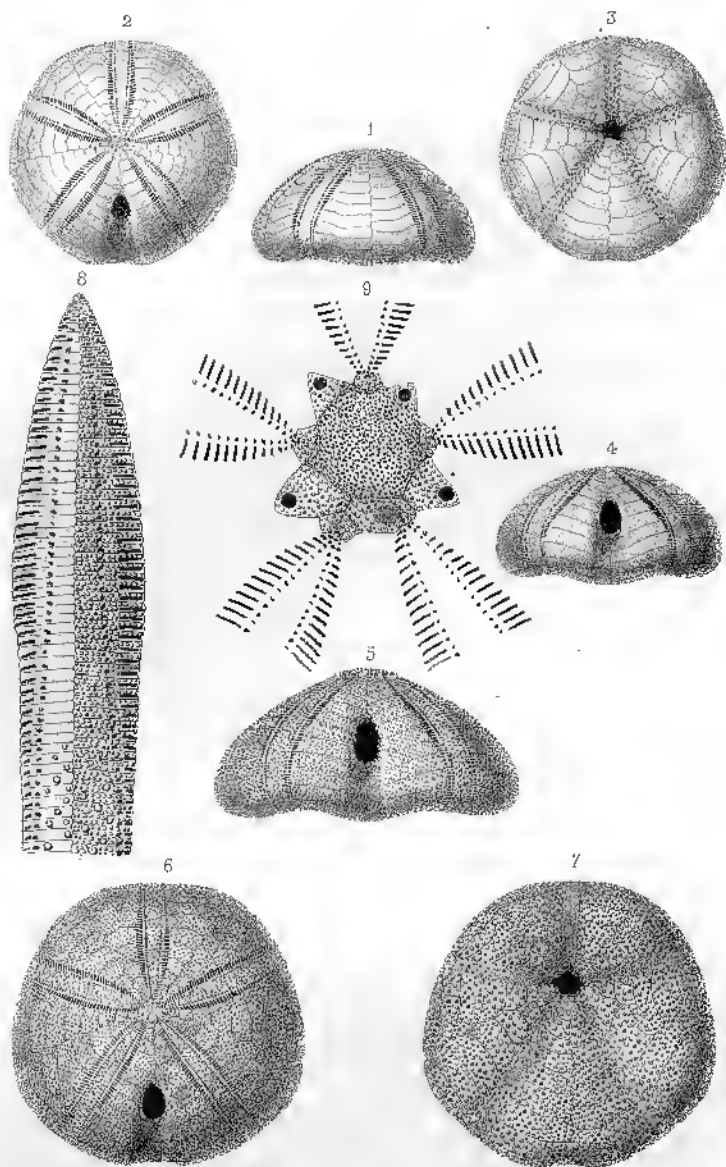
*Clypeus Michelini*, Desor. Bathonien.



Humbert del et lith

Imp. Bequet, Paris.

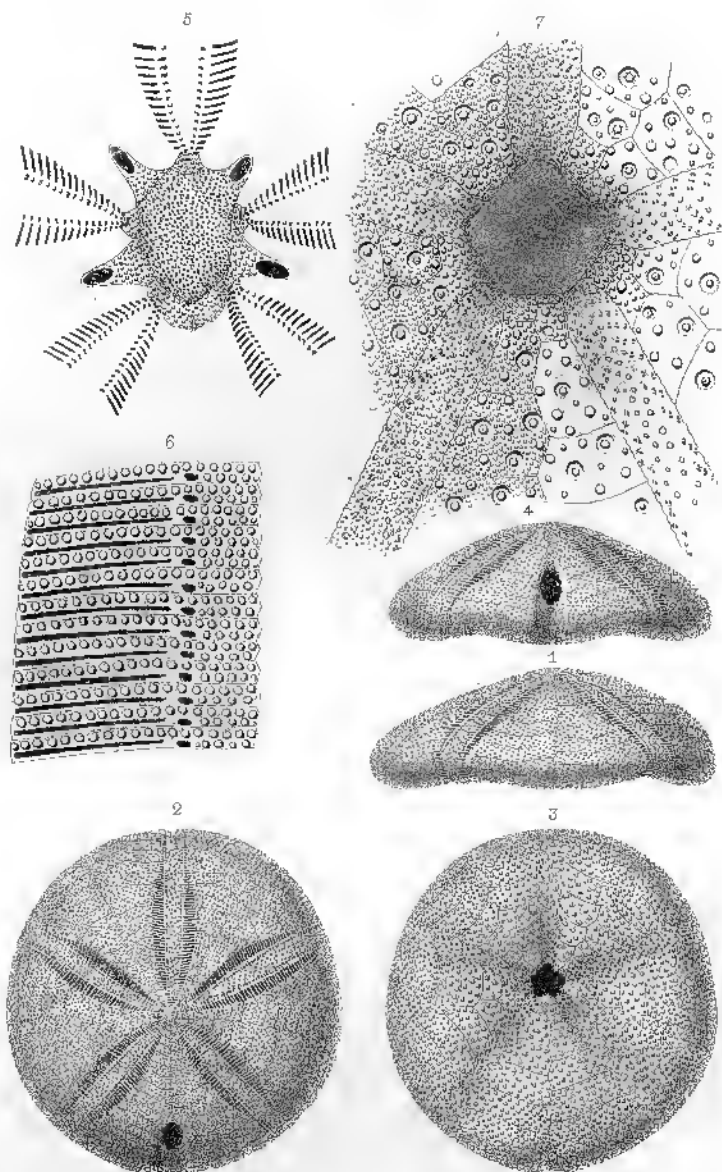
*Clypeus Rathieri, Cottau. Bathonien.*



Humbert del et lith

Imp. Berquet, Paris.

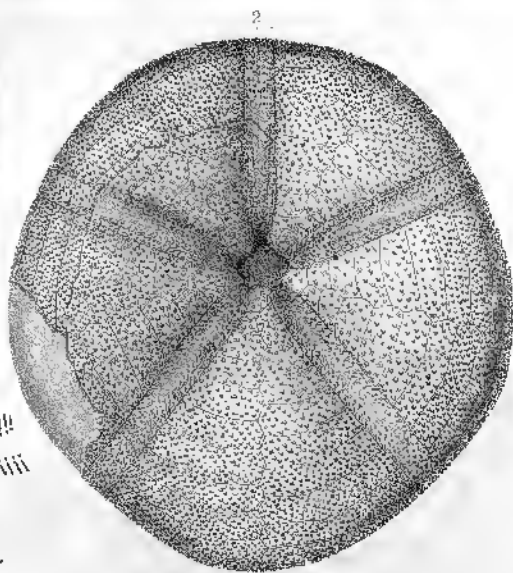
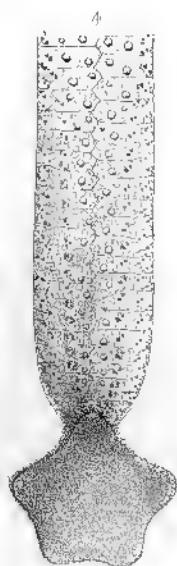
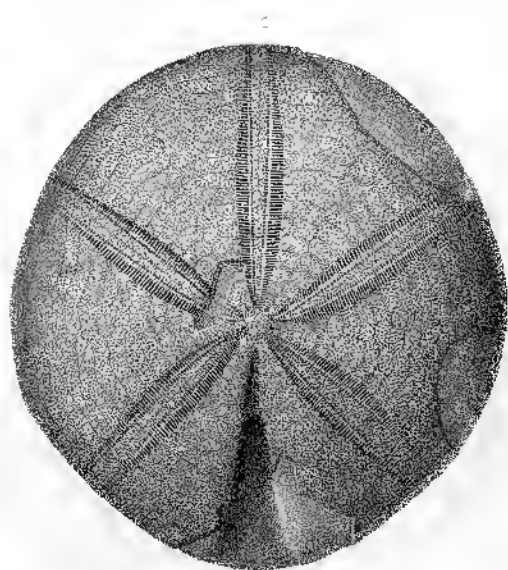
*Clypeus Hugii*, Agassiz. Bajocien et Bathonien.



Humbert del. et lith.

Imp. Baquet, Paris

*Clypeus subulatus*, Wright. Corallien.

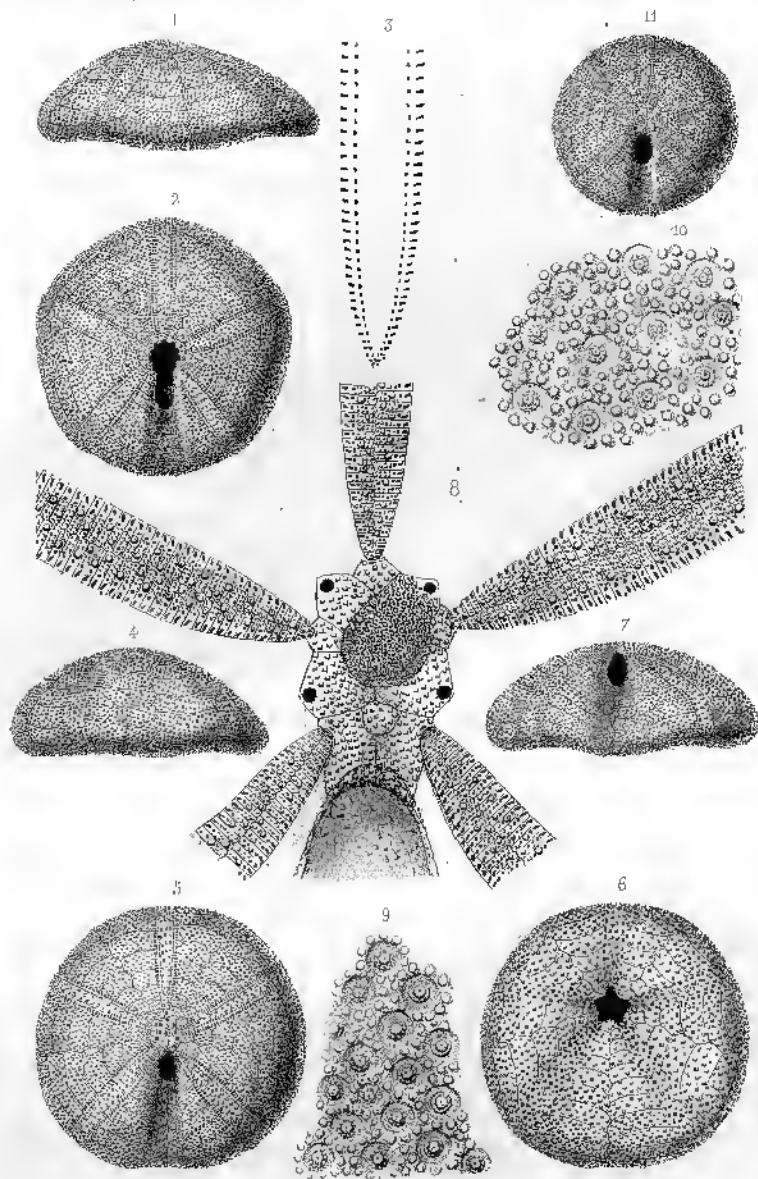


Humbert del. et lith.

Imp. Bequaert, Paris.

*Clypeus Babeau, Cottinui, Callonien.*





Humbert del. et lith

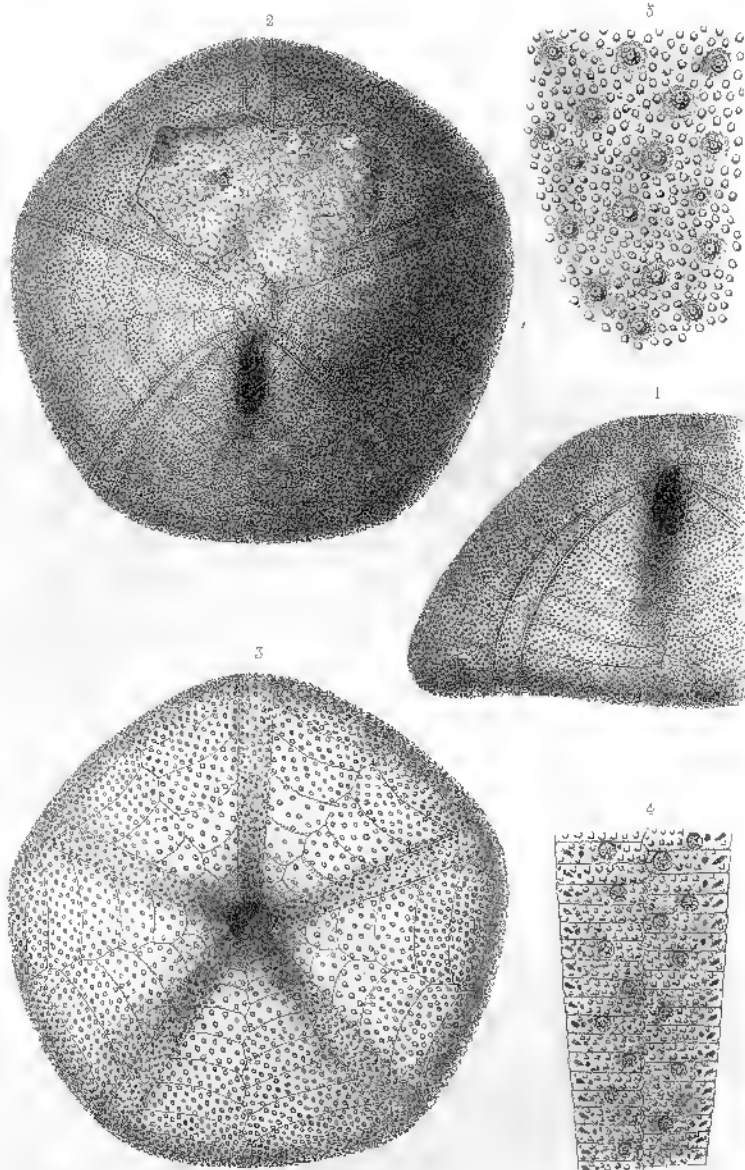
G. Masson, Editeur.

Imp. Deques, Paris

- 1 - 3. *Clypeus Deshaiesi*, Colteau. Bajocien.  
 4 - 11. *C. — Martini*, Colteau. Bathonien.

T. Jurassique.

Echinides. PL. 63.

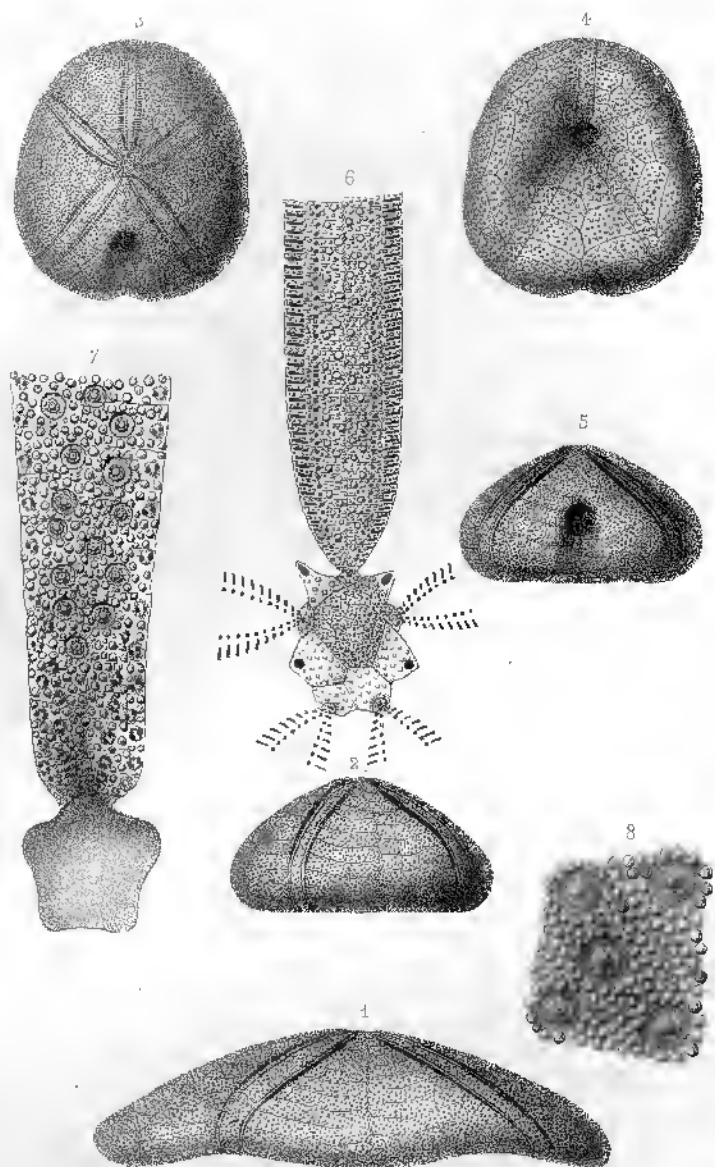


Humbert del. et lith.

G. Masson Editeur

Exp. Barquet. Paris.

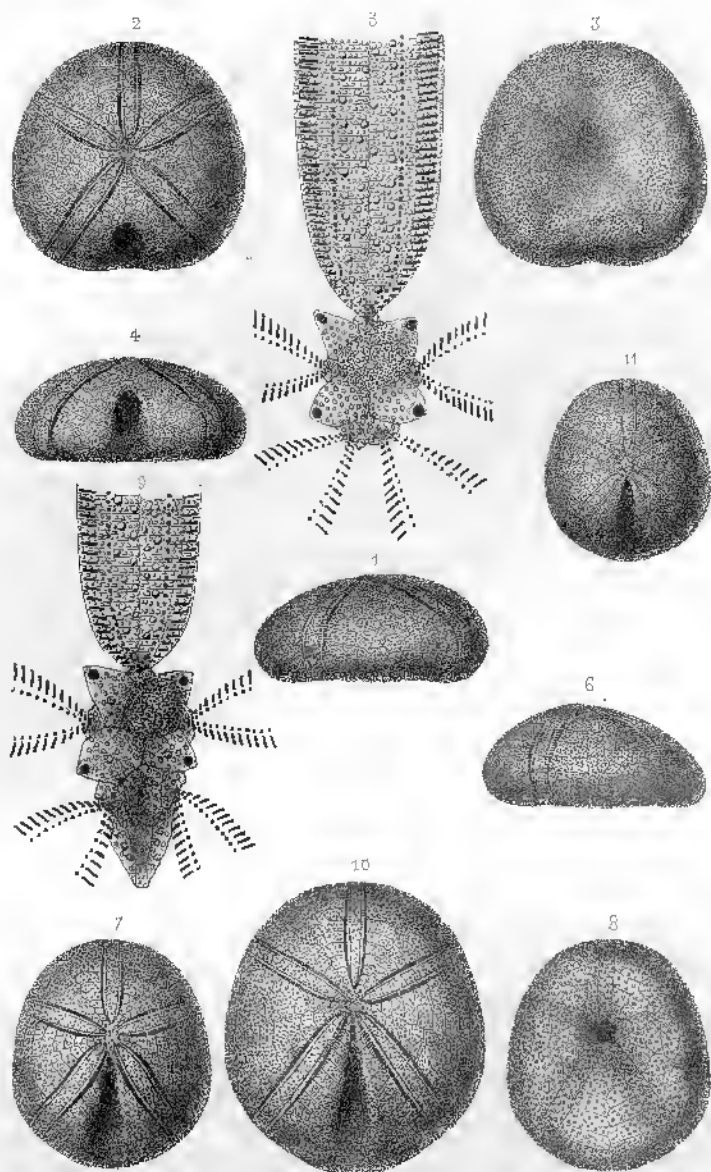
*Echinus Constantini*, Colliou. Bajocien.



Humbert del. et lith.

Imp. Bequet, Paris.

1. *Clypeus Babeau*, Coltau. Callorien.
2. *Echinocrissus Loricoli*, Coltau. Bajocien.

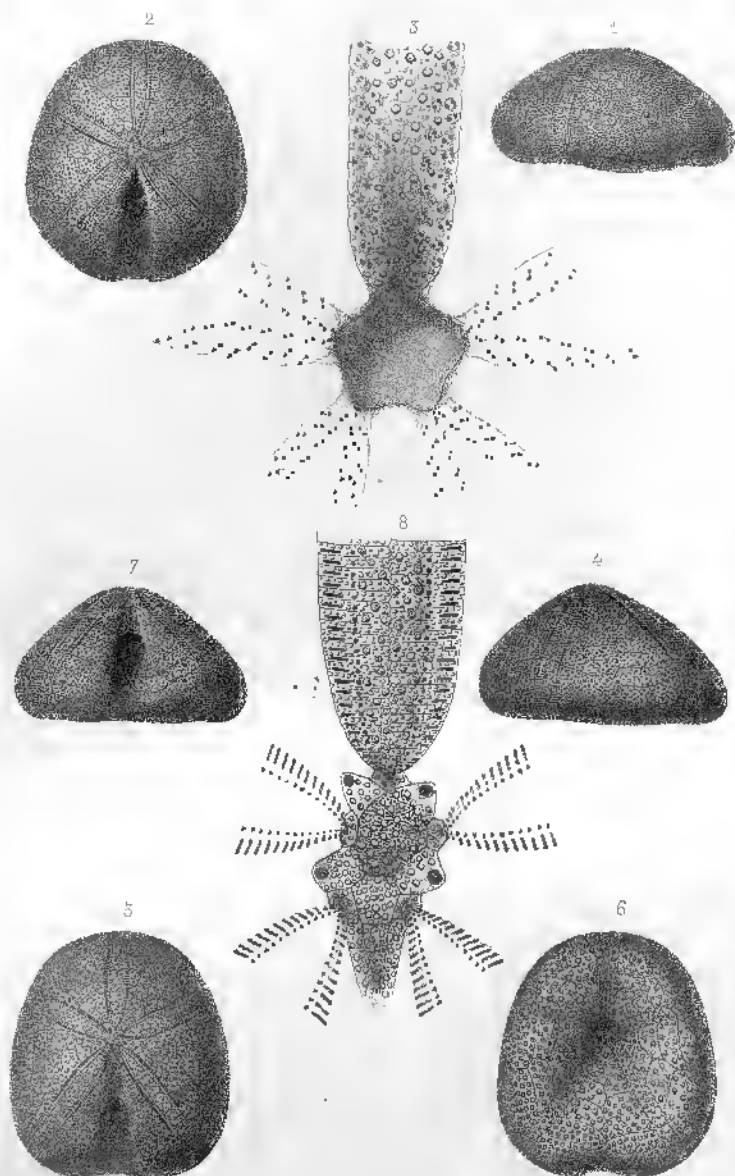


Humbert del. et lith.

Imp. Bequet, Paris.

1-5. *Echinobrissus quadratus*, Coltau. Bathonien.

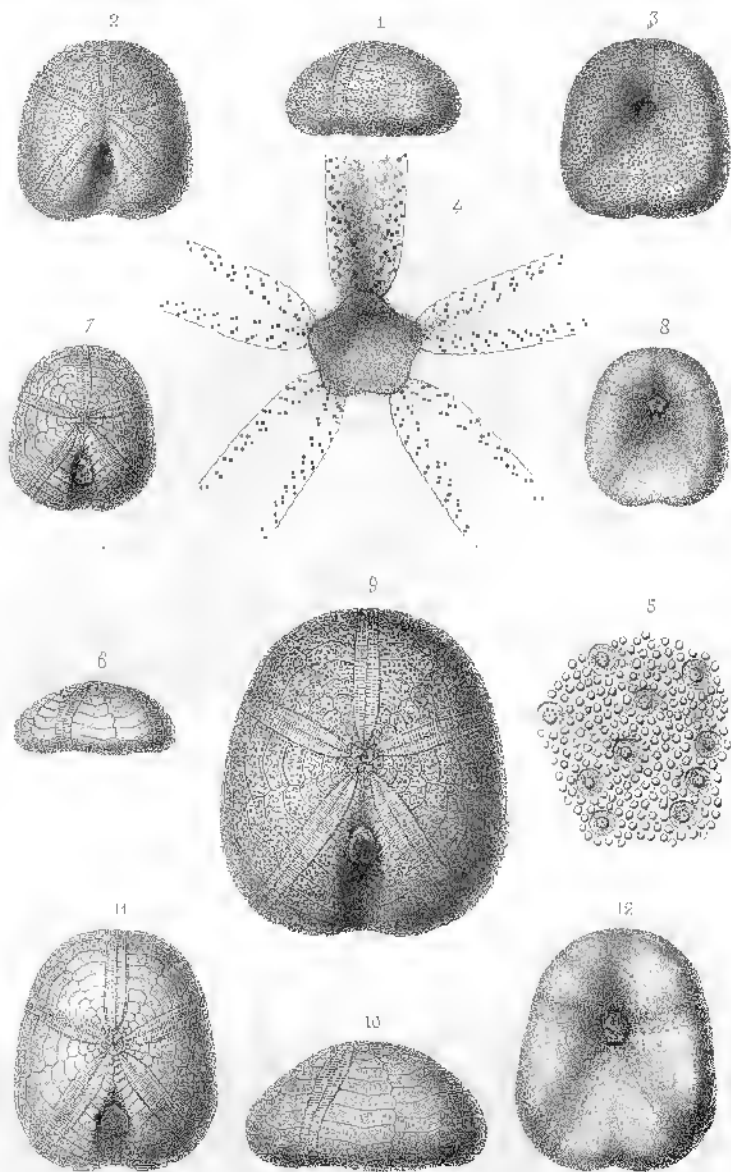
6-11. *E. Terquemii*, d'Orbigny. Bajocien et Bathonien.



Humbert del et lith.

Imp. Dequet, Paris

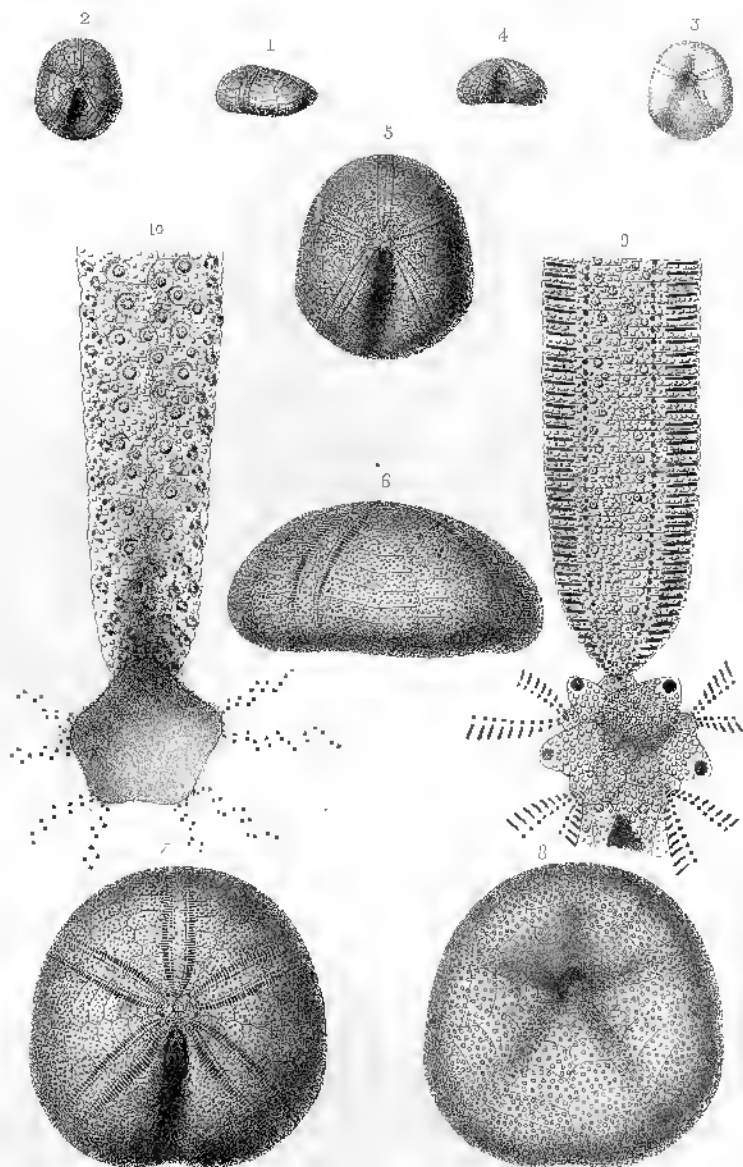
1-3. *Echinobrissus Terquemii*, d'Orbigny. Bajouin et Bathonien  
 4-8. *E. clunicularis*, d'Orbigny. Bathonien



Humbert del. et lith.

Imp. Becquet, Paris.

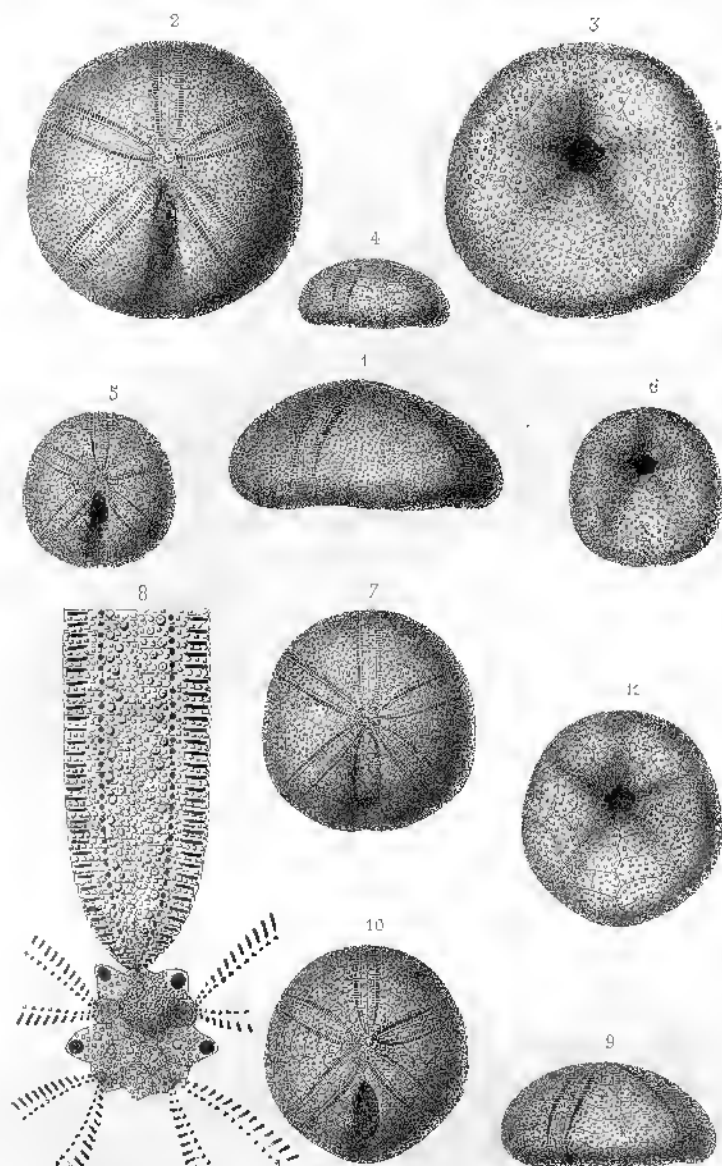
*Echinobrisens clunicularis*, d'Orbigny. Bathonien.



Humbert del. et lith.

Loup, Berquet, Paris

1-5. *Echinobrius crepidula*, d'Orbigny. Bathonien.  
6-10 *E. ——— amplius* Desor Bathonien



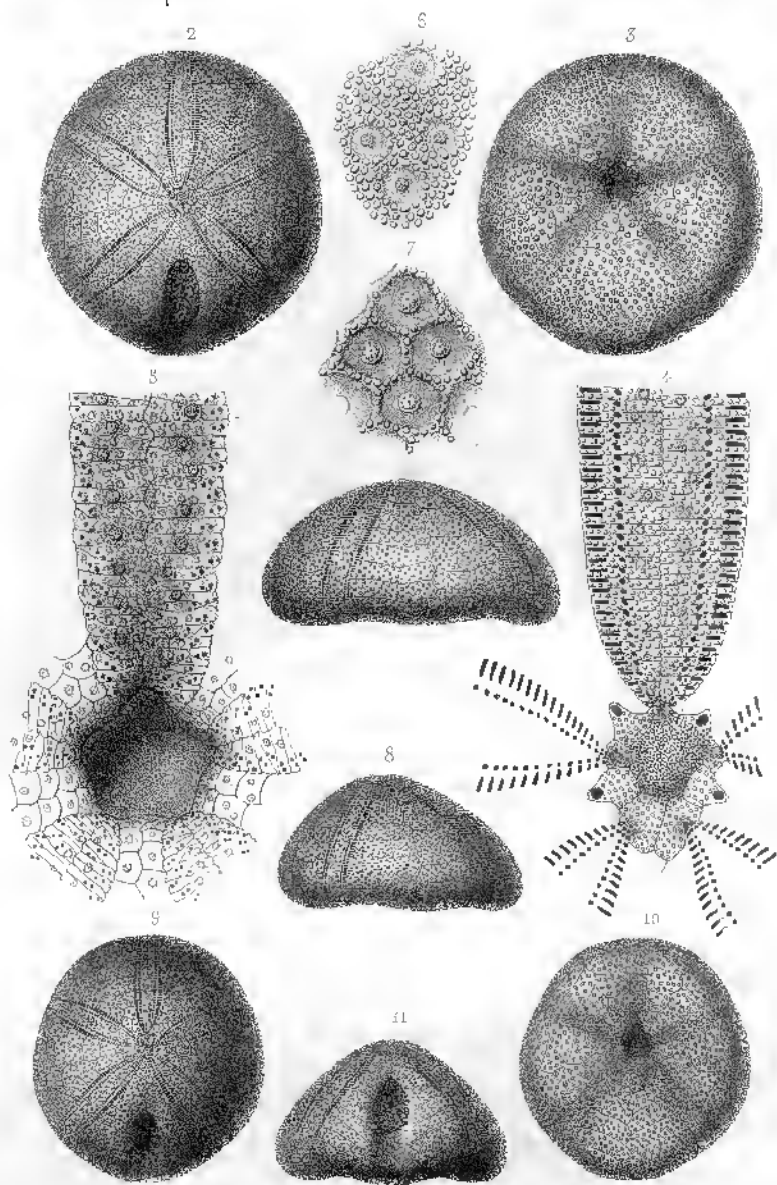
Humbert del. et lith

Imp. Berquet, Paris

1-8. *Echinobrissus amplius*, Desor. Bathonien.

9-11. *E.* ————— Burgundia, Coteau Bathonien.

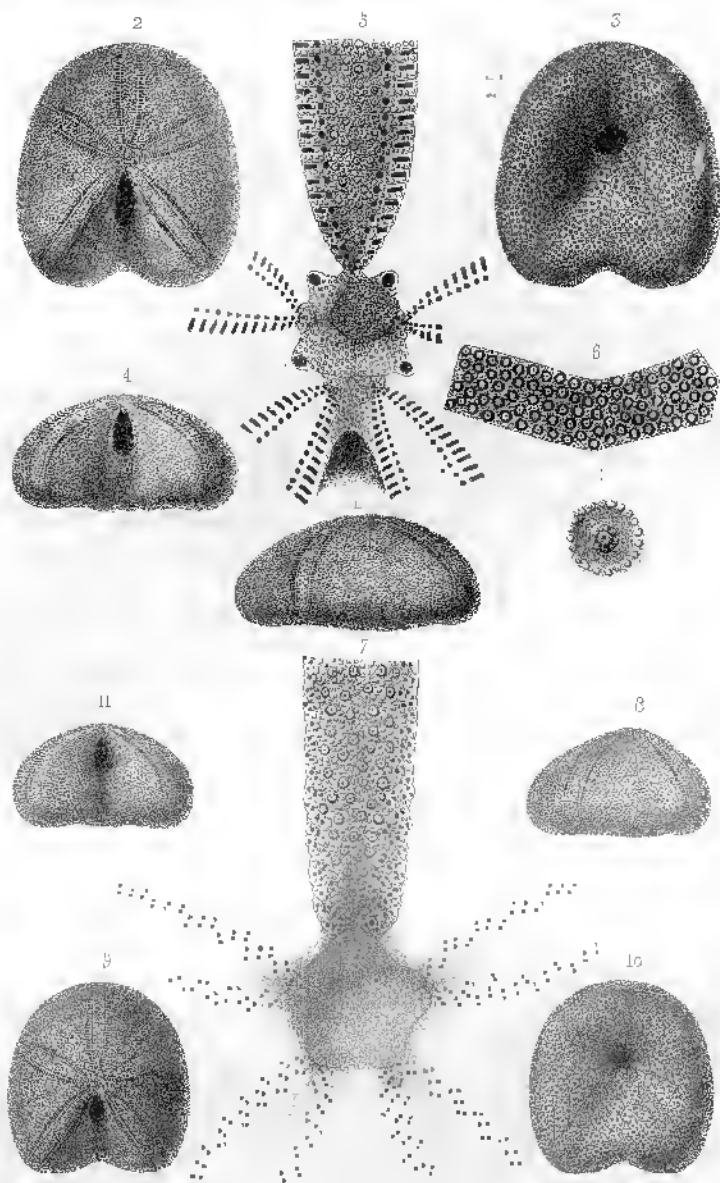




Humbert del. et lith.

Trup. Boscquet Paris

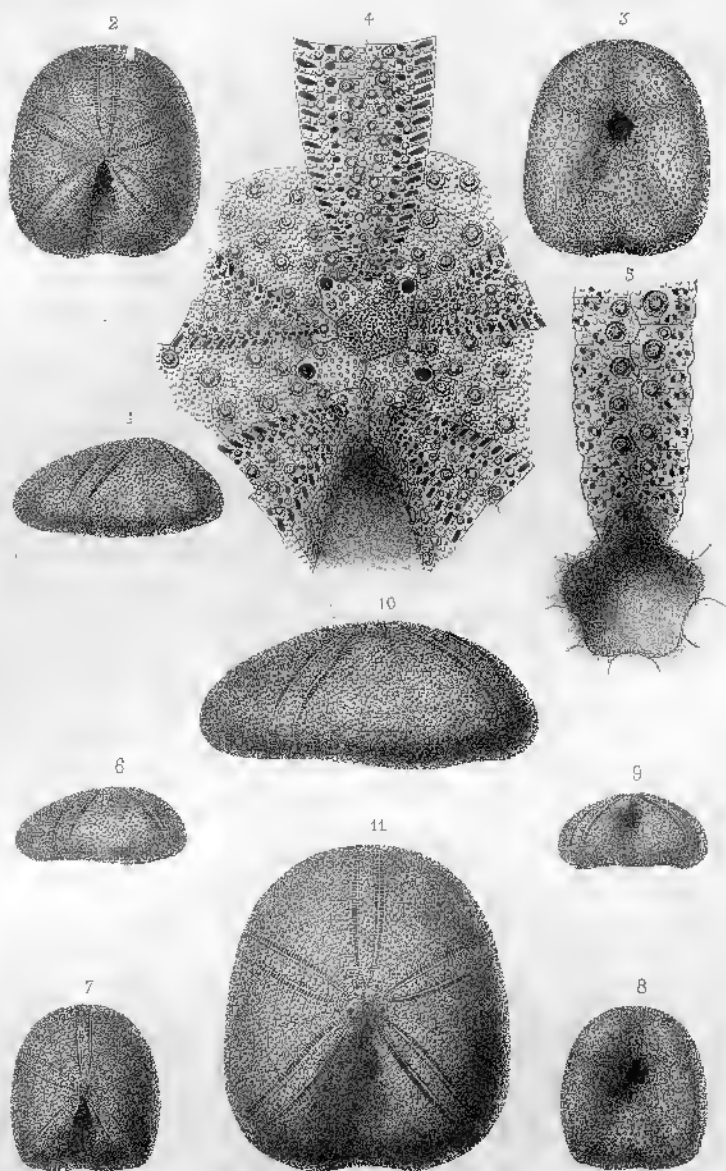
*Echinocrissus Burgundica*, Collet, Bathonien.



Humbert del. et lith.

Imp. Bequest, Paris.

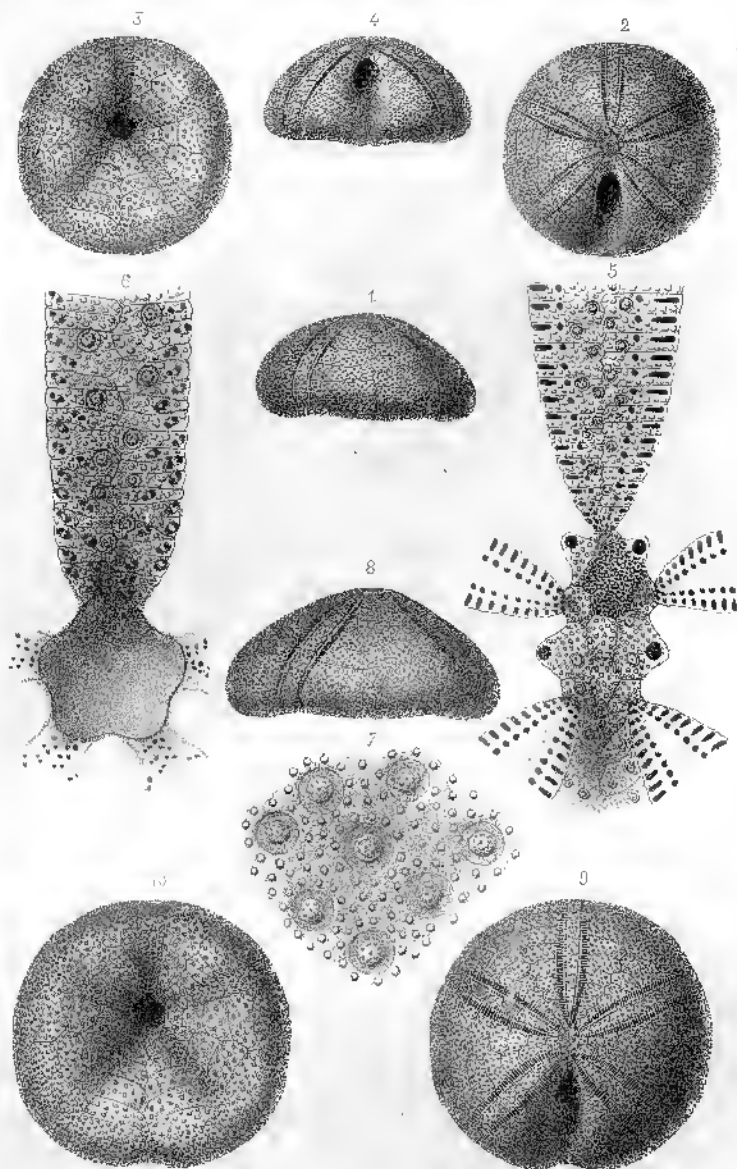
*Echinobrissus triangularis*, Cotteau. Bathomen.



Humbert del et lith.

Imp. Bequet, Paris.

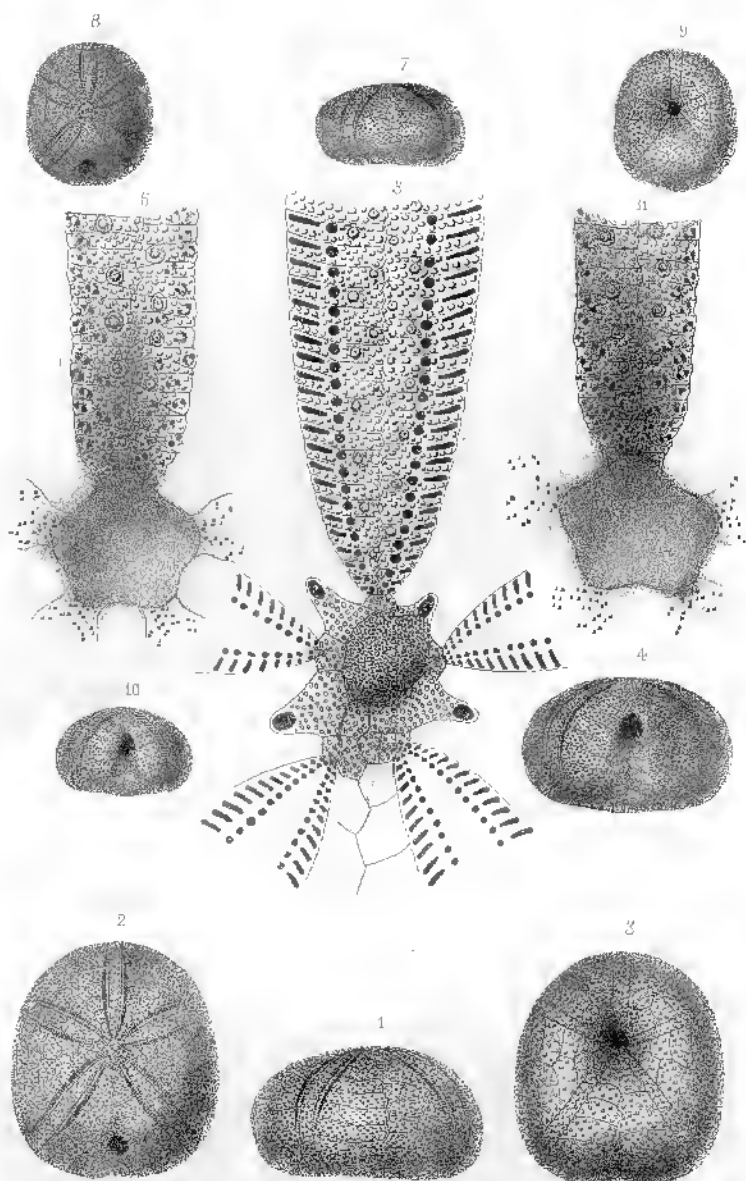
*Echinobrissus elongatus*, d'Orbigny. Balhousien.



Humbert del. et lith.

Imp. Bequet, Paris.

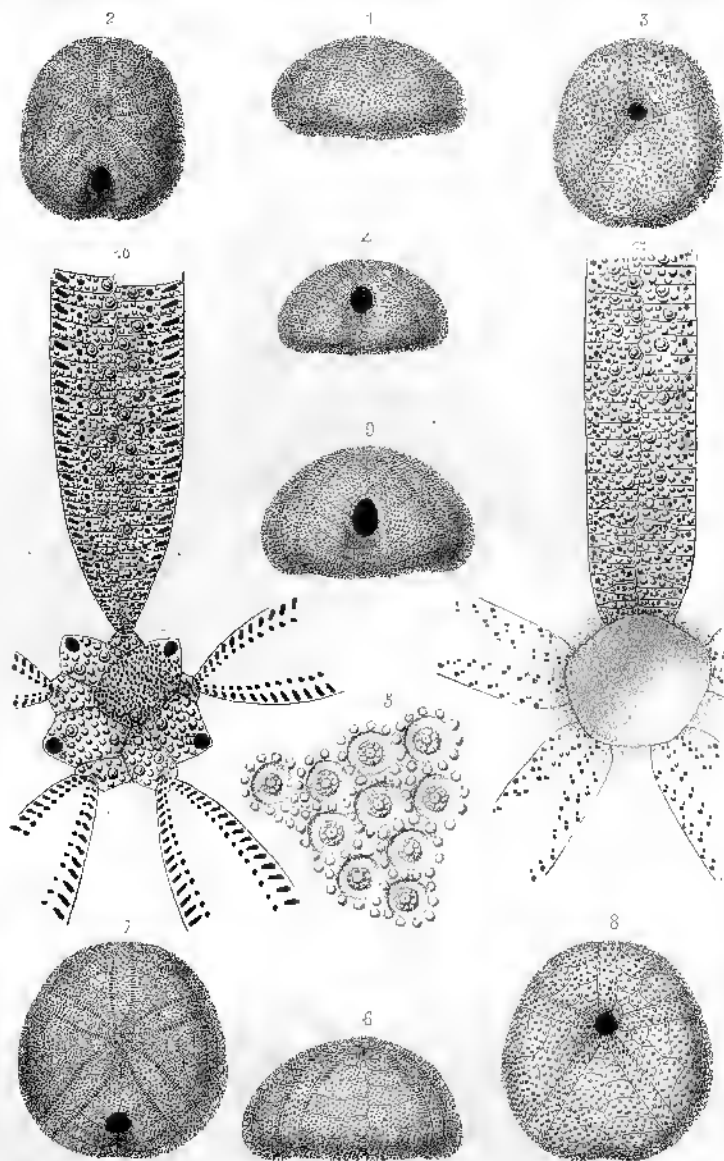
*Echinobrissus orbicularis*, d'Orbigny. Bathonien.



Humbert del et lith

Imp. Bequet, Paris

*Echinobrissus pulvinatus*, Cotteau. Callorien.

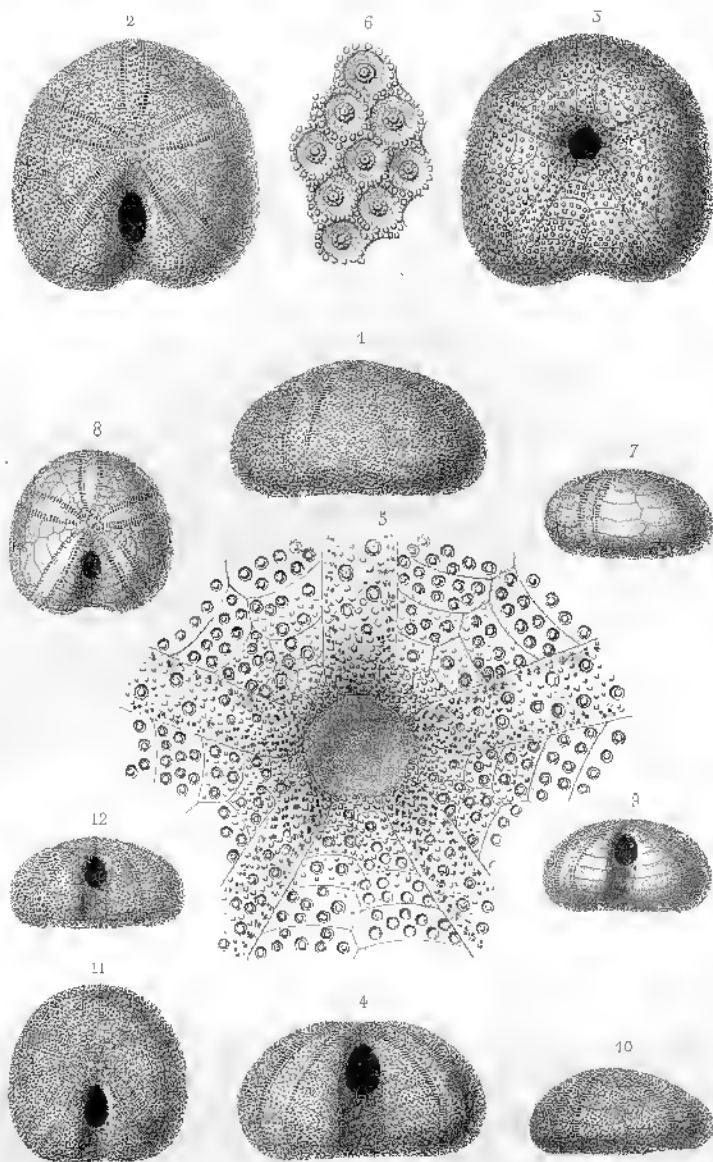


H. Schott del. et lith.

G. Masson, Editeur

Imp. Breton, Paris

*Echinobrius micraulus*, d'Orbigny, Callovien et Oxfordien.

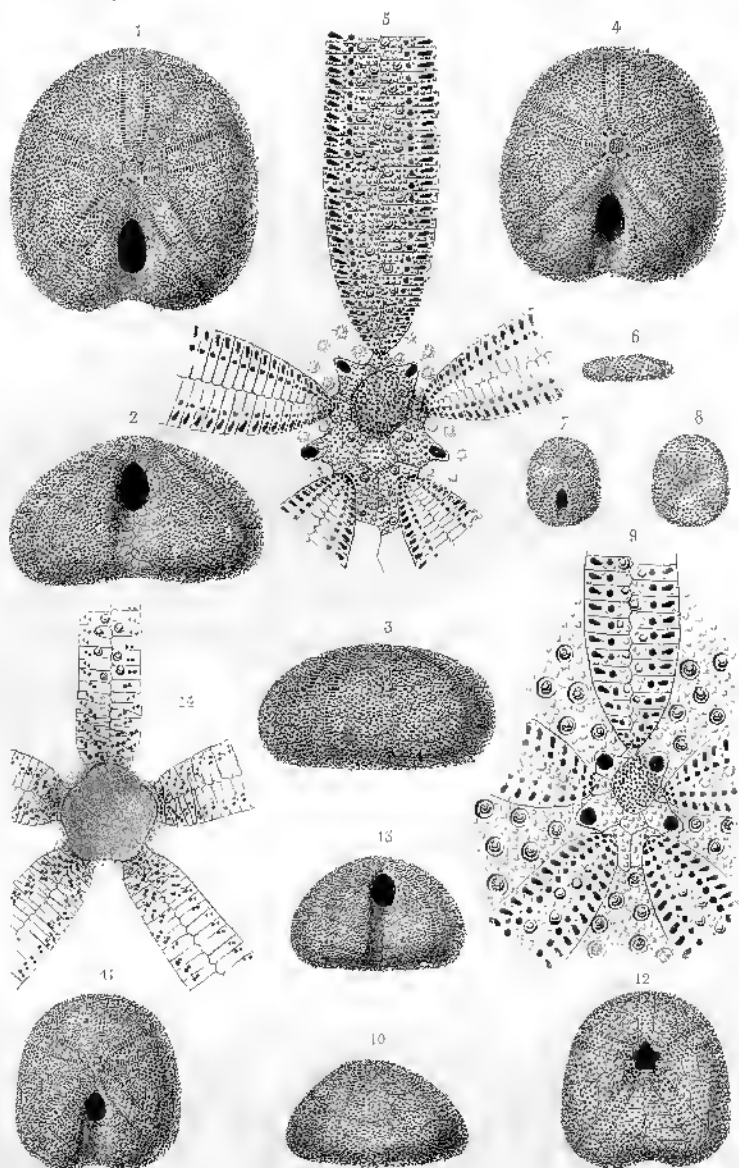


Humbert del et lith

G. Masson, Editeur

imp. Bugeat, Paris.

*Echinobrisvius scutatus*, d'Orbigny. Corallien inf.



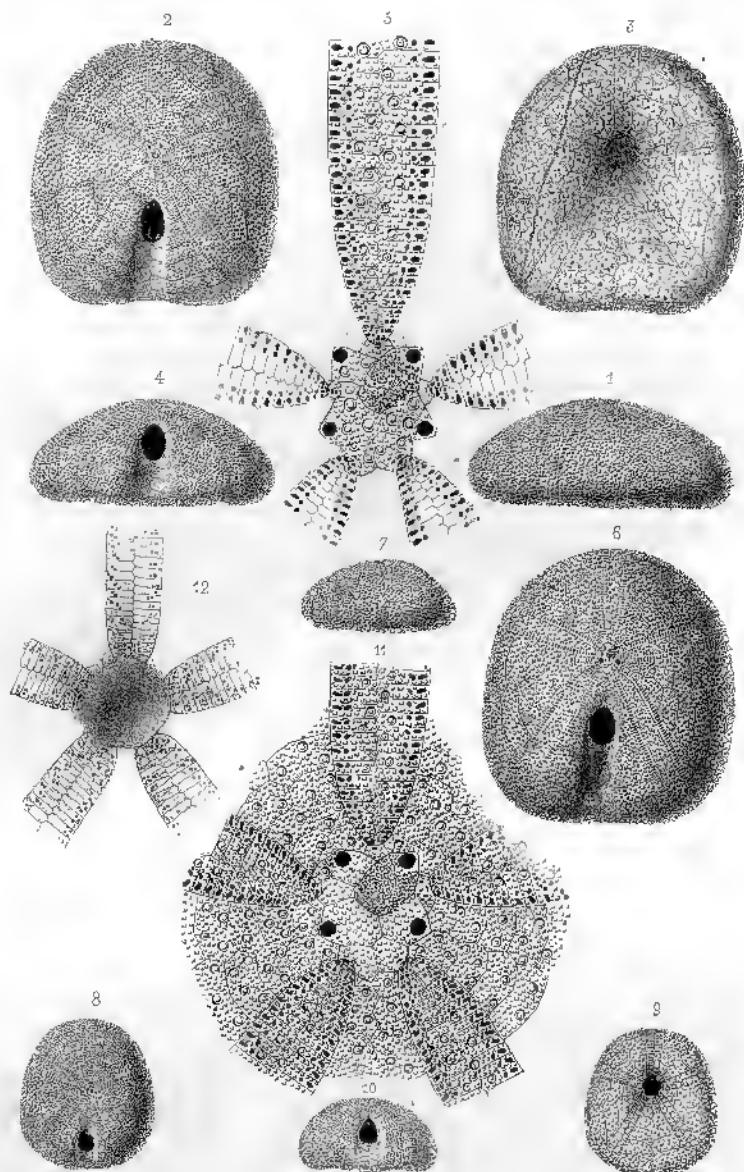
Humbert del. et lith.

G. Masnon Editeur.

Loup-Duquet, Paris.

- 1-5. *Echinobrissus scutatus*, d'Orbigny. Corallien inf.  
 6-9. *E. Dumortieri*, Coltau. Oxfordien.  
 10-14. *E. Letteroni*, Coltau. Corallien sup.



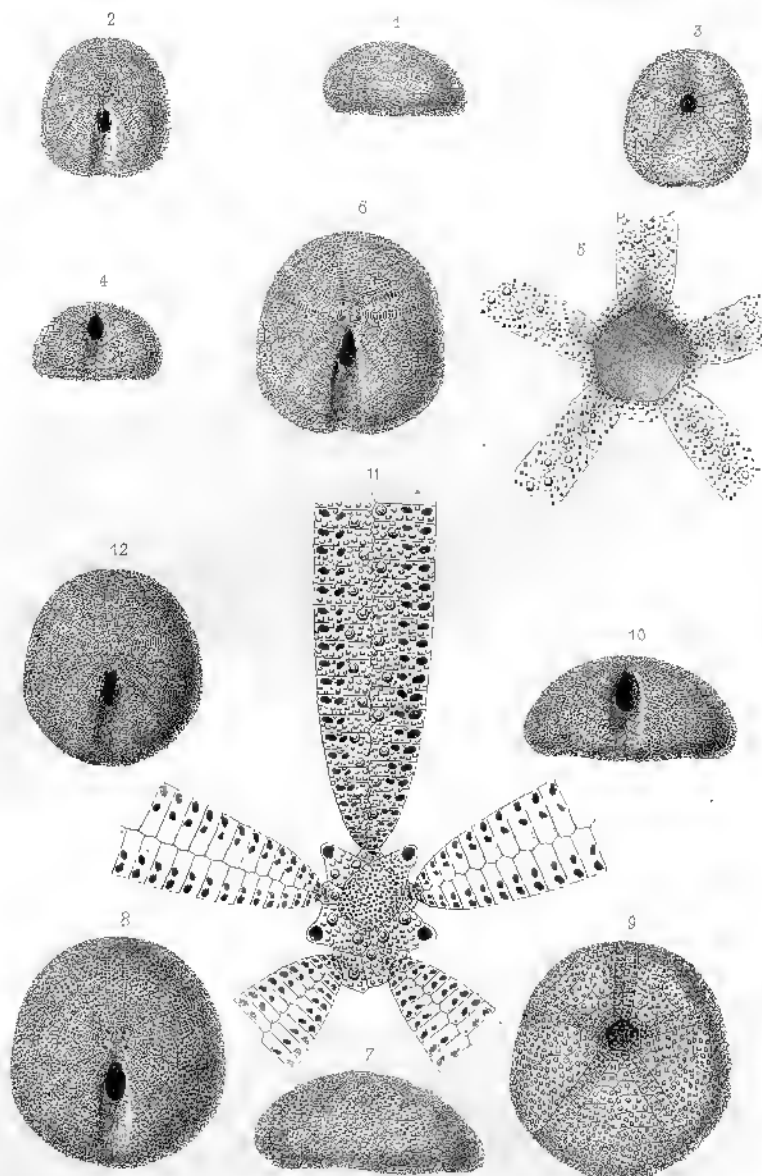


Thunbart del. et lith

G. Masson, Editeur

Imp. Brugué, Paris.

1 - 6. *Echinobrissus Letteroni*, Coltau. Corallien sup.  
7 - 12. *E. avellana*, Deser. Oxfordien.



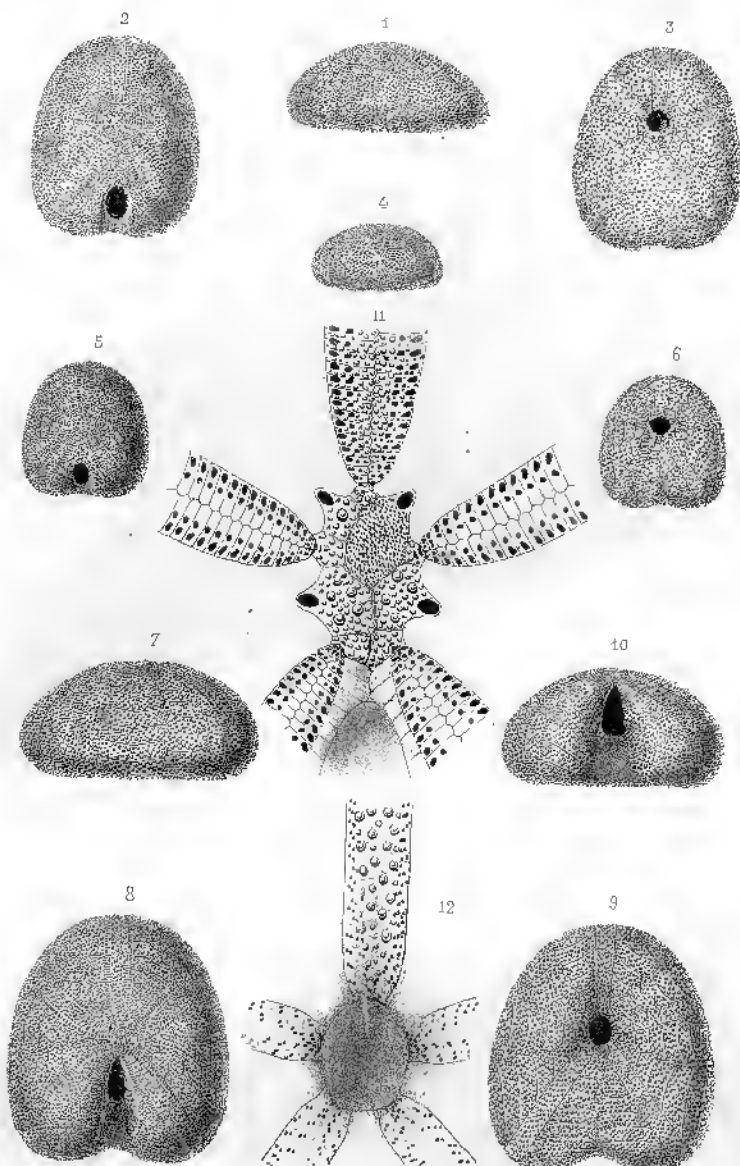
Humbert del et lith.

G. Musson. Éditeur

Imp. Lecquer, Paris.

1 - 6. *Echinocrissus Bourgueti*, Desor. Portlandien.

7 - 12. *E. ——— kimmeridgensis*, Collet. Kimmeridgien.

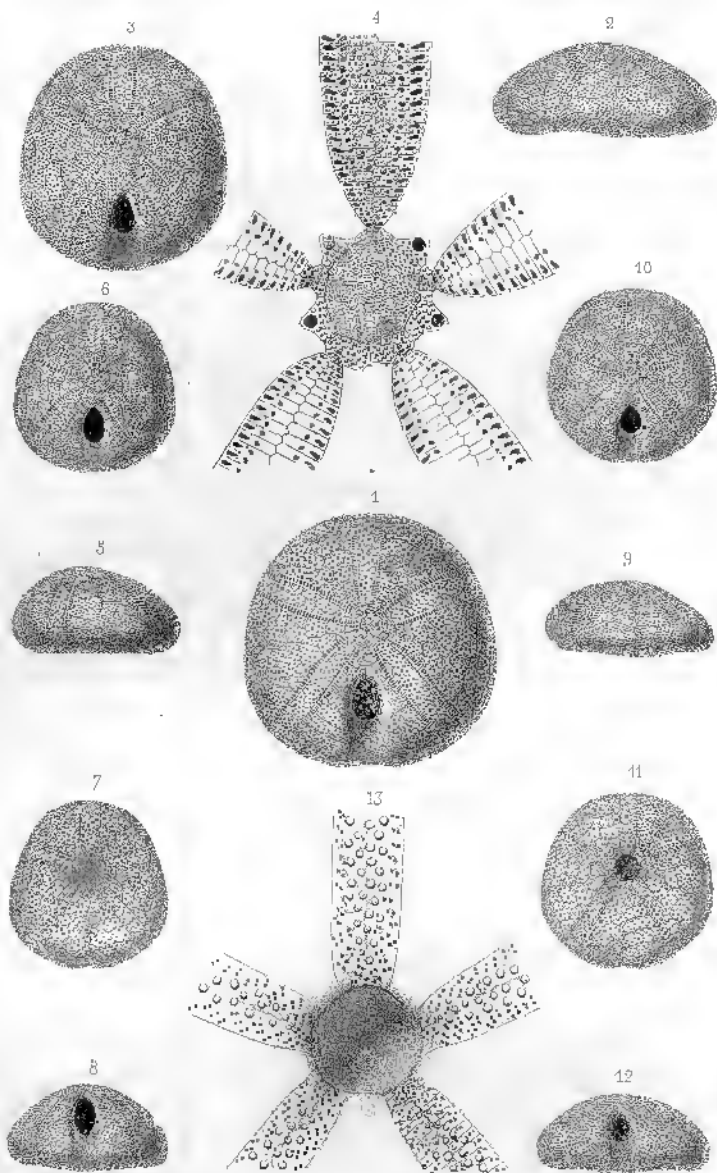


Humbert del. et lith.

G. Masson, Editeur.

Imp. Biquet & Fils.

1 - 6. *Echinobrius leaunensis*, Colletan. Corallien sup.  
7 - 12. *E. — — — — — major*, d'Orbigny. — — — — —

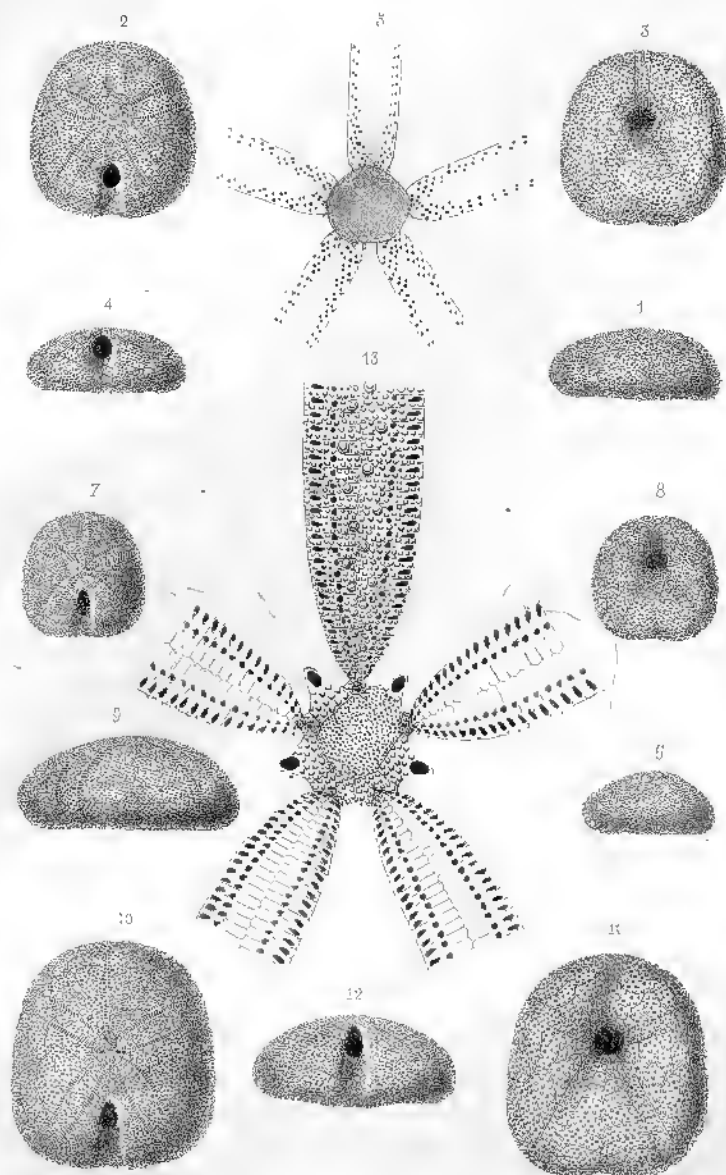


Humbert del et lith.

G. Masson, Editeur

Imp. Boquet, Paris

*Echinobrius Brodiei*, Wright. Portlandien.



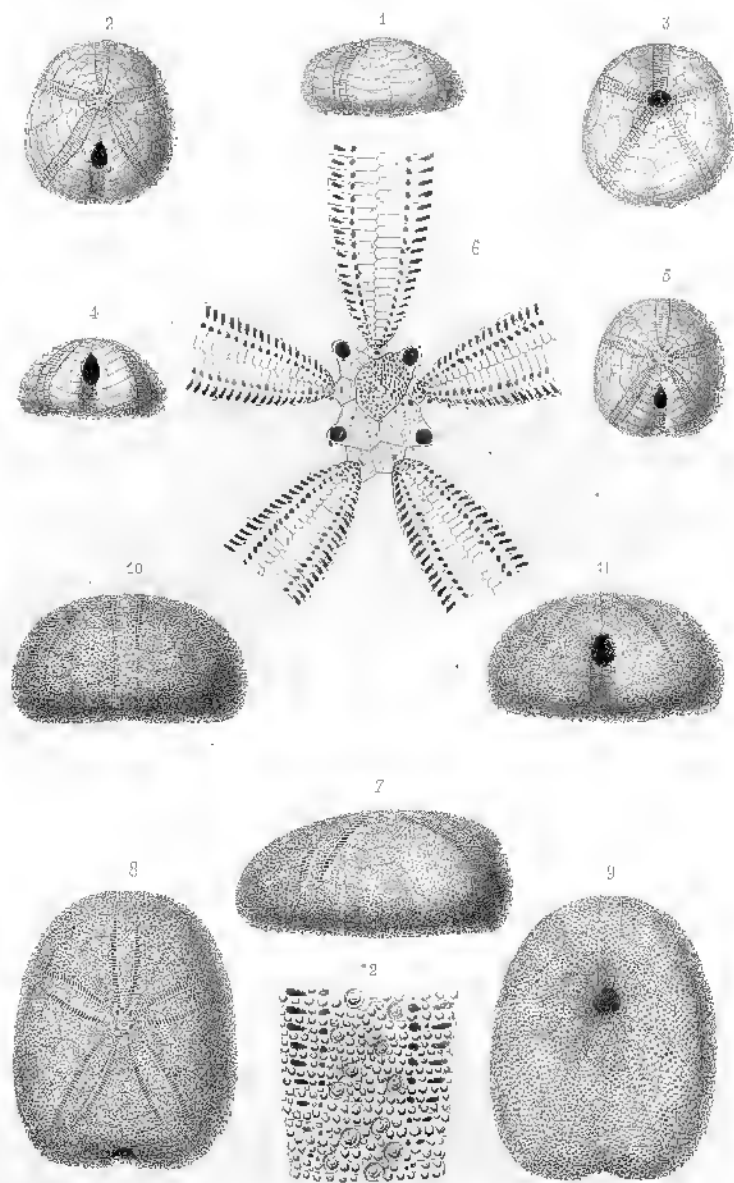
coll.  
Perroni

Humbert del. et lith.

G. Masson graveur.

Imp. Jacquelin, Paris.

*Echinobrissus Perroni*, Etallon. Portlandien.



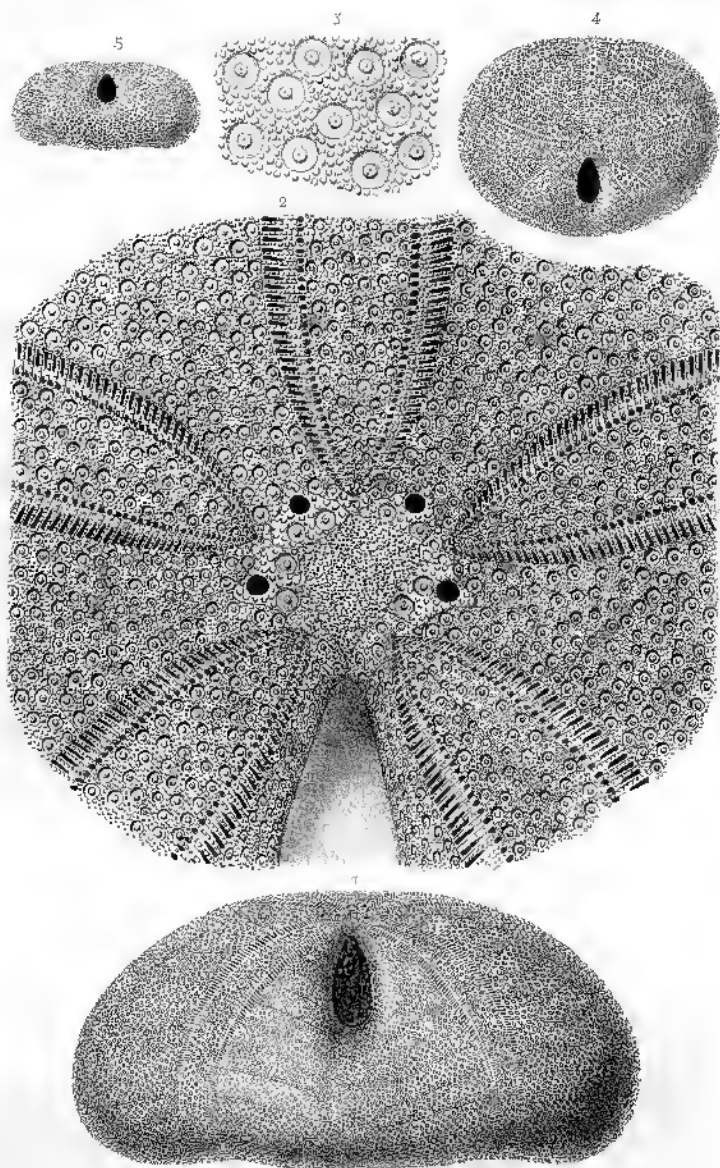
Humbert del. et lith.

G. Masson. Editeur

Loup Bequet. Paris

1 - 6. *Echinobrissus Hoimeï*, Wright. Portlandien.

7 - 12. *Phyllobrissus Thevenini*, Cottau. Kimmeridgien.

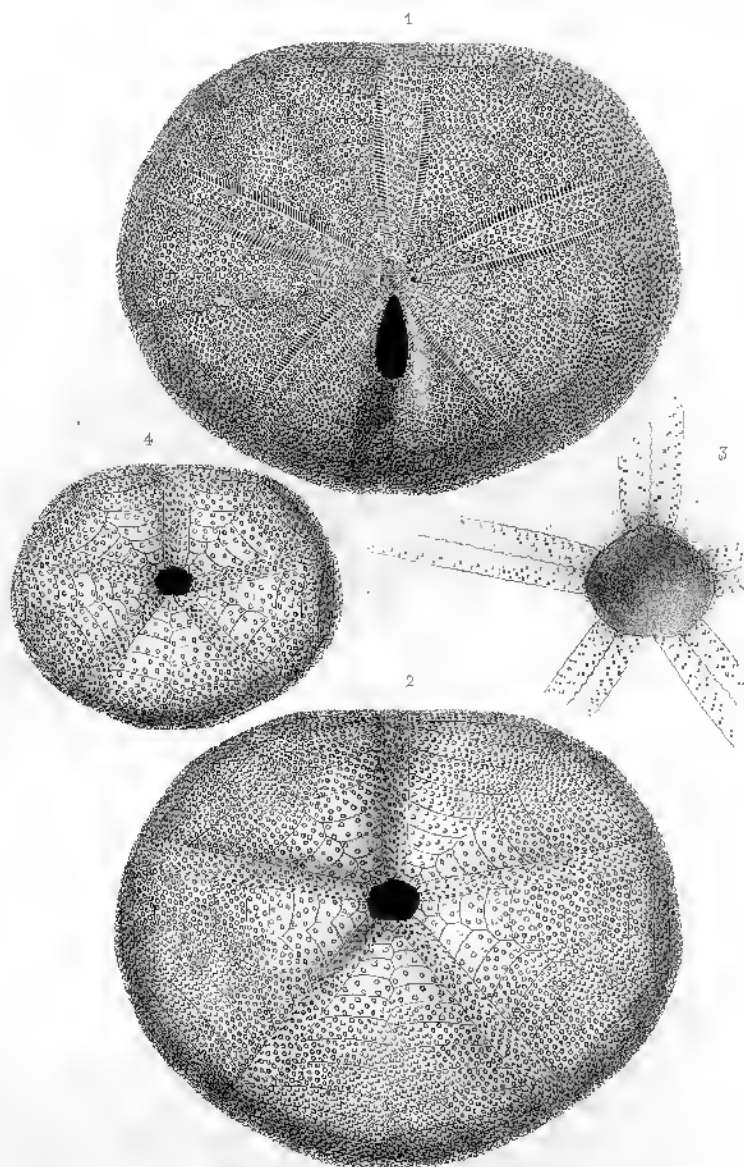


Huwbart del. et lith.

G. Masson, Editeur

Imp. Biquet, Paris

*Pseudodesorella Orbignyana*, Etallon. Corallien.



*Numéros de 1 et 100.*

G. Masson, Editeur.

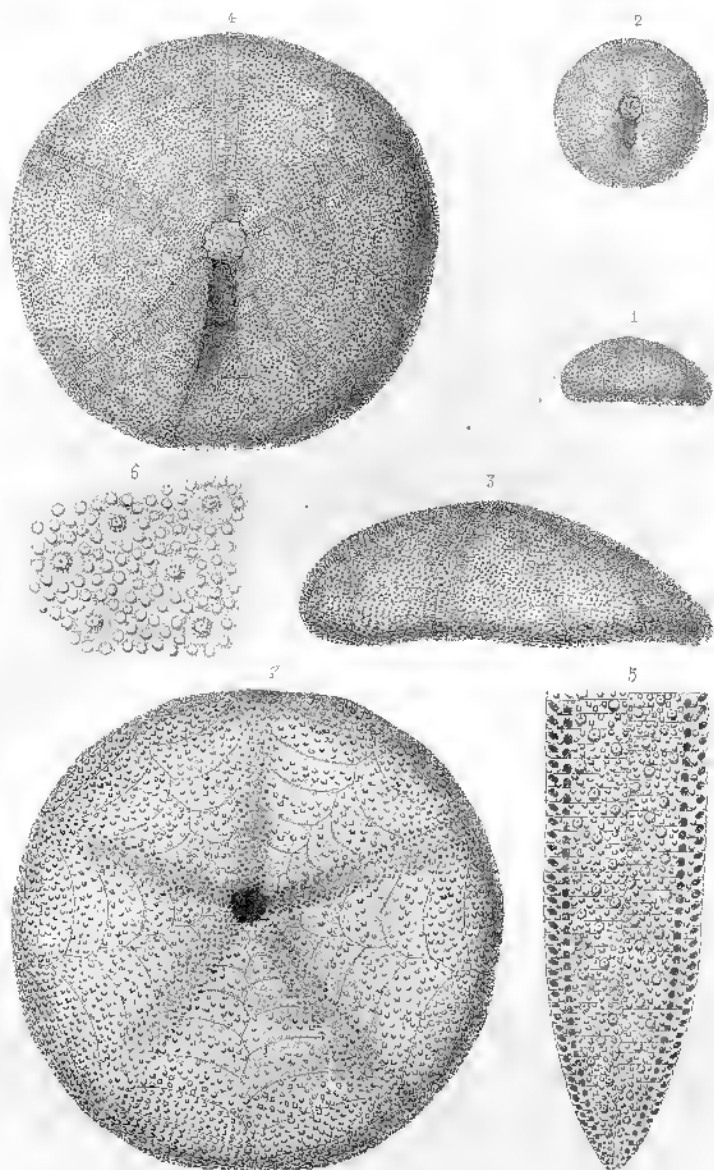
Imp. Boquet, Paris

*Pseudosorella Orbignyana, Etallon Corallien*



T. Jurassique.

Echinides, PL. 86.

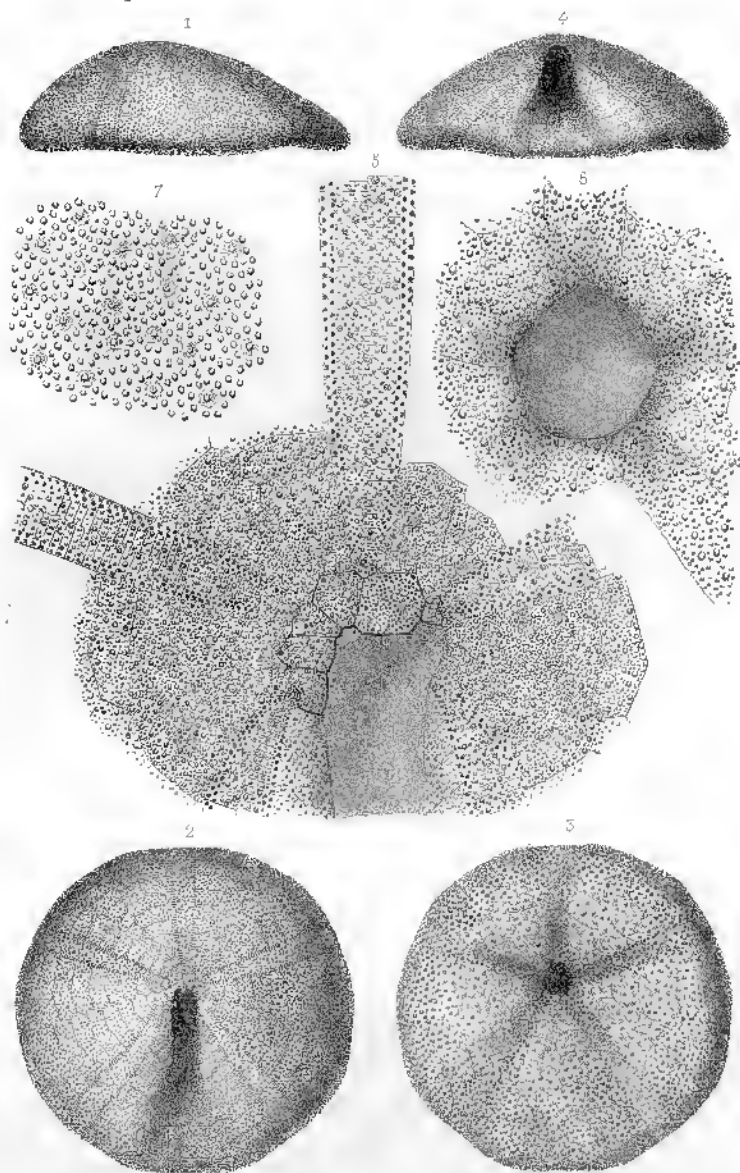


Forchert del. et lith.

G. Massou & Co. lith.

Loup & Co. lith.

- 1 - 2. *Galeropygus prisca*, Collet. Tharcien.  
3 - 7. *G. ———*, *agariciformis*, Collet. Tharcien.

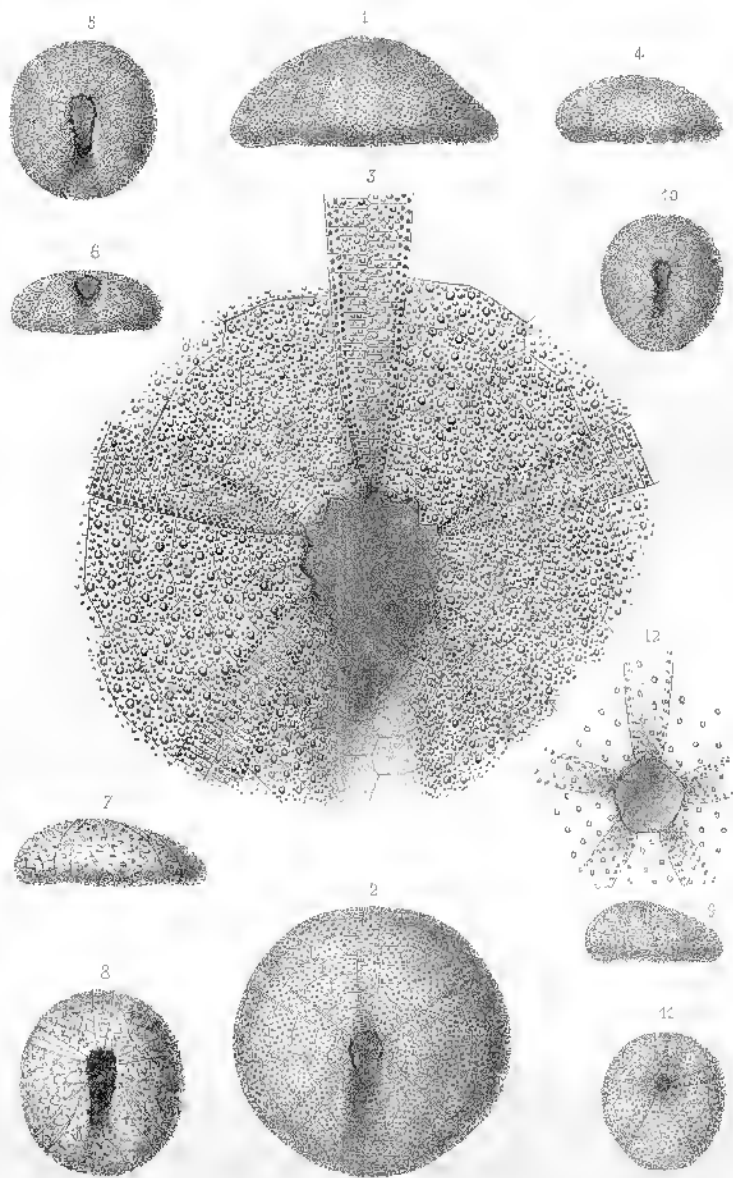


Humbert del. et lith.

G. Masson, Editeur.

Imp. Bouquet, Paris

*Galeropygus Marcou, Desor. Bujorian.*

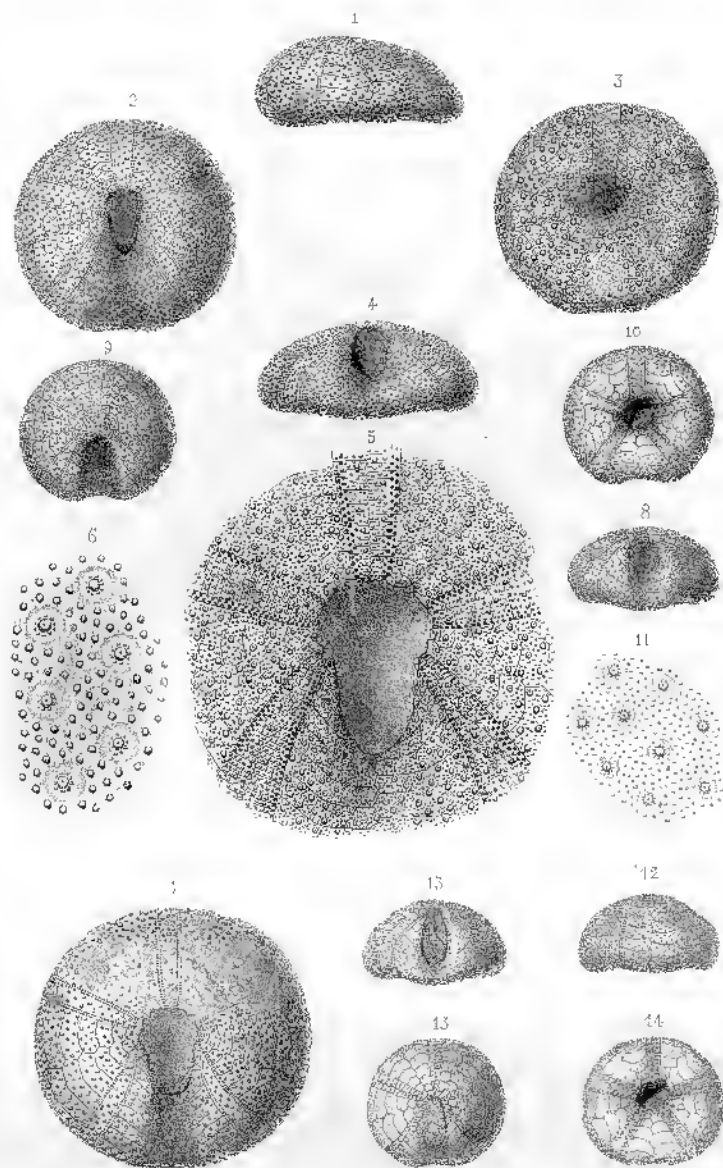


Humbert del et lith

G. Masson Editeur

Impr. Bézouet, Paris

1 - 3. *Galeropygus* Marcou, Desor. Bajocien.4 - 12. *G. — — caudatus*, Colbeau. Bajocien et Bathonien.



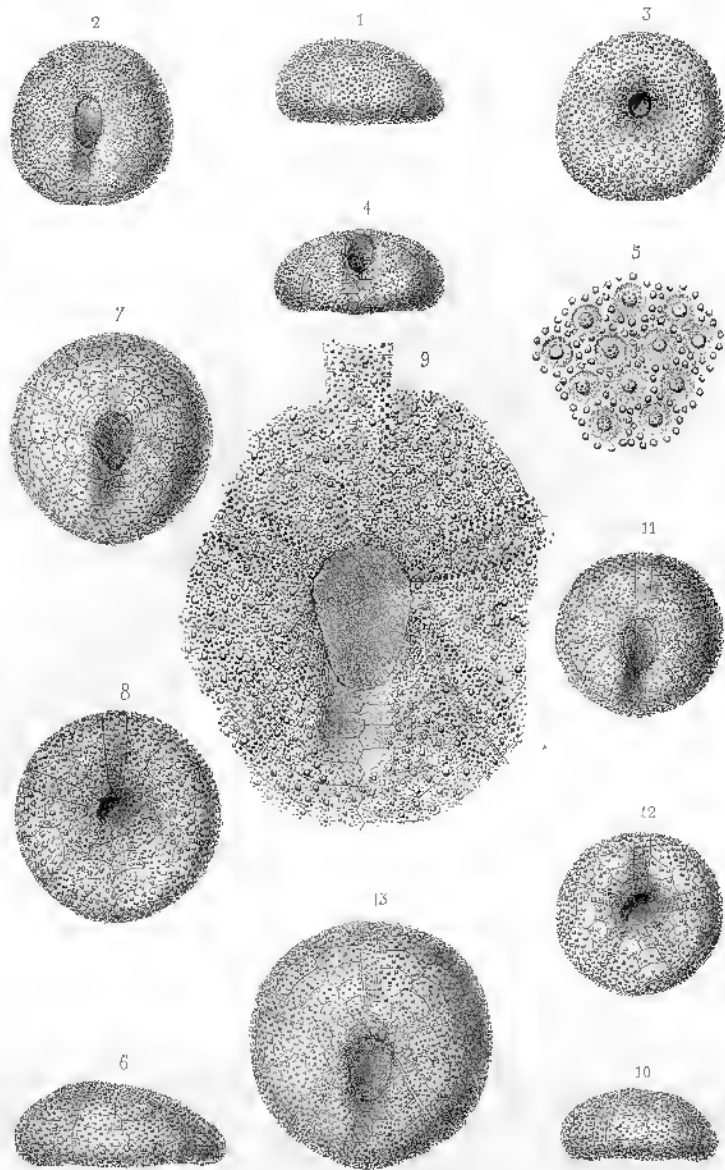
Humbert del. et lith.

G. Masson, Editeur.

Impr. Bugeat, Paris

1 - 7. *Galeropygus sulcatus*, Colteau. Bajocien.

8 - 14. *G. — Baugieri*, Colteau. Bathonien.

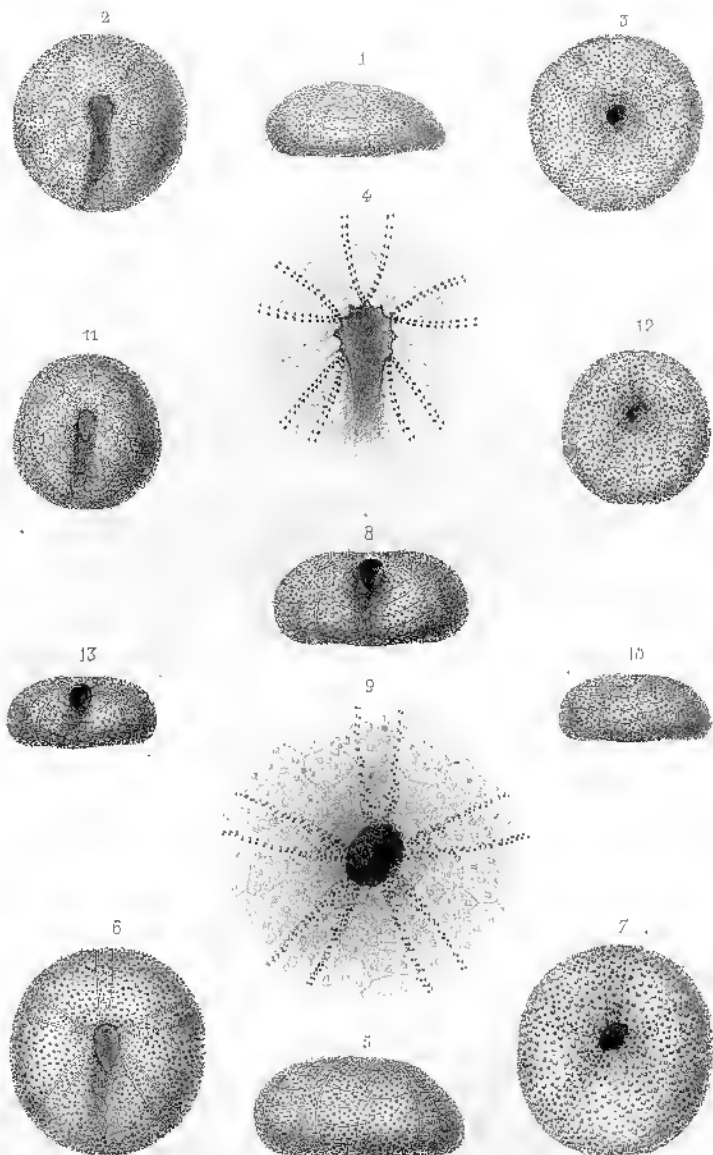


Boisvert sur et Hb.

G. Gasson, Editeur.

Imp. Bognet Paris

*Galeropygus Nodeti*, Coltrau Bathouien.

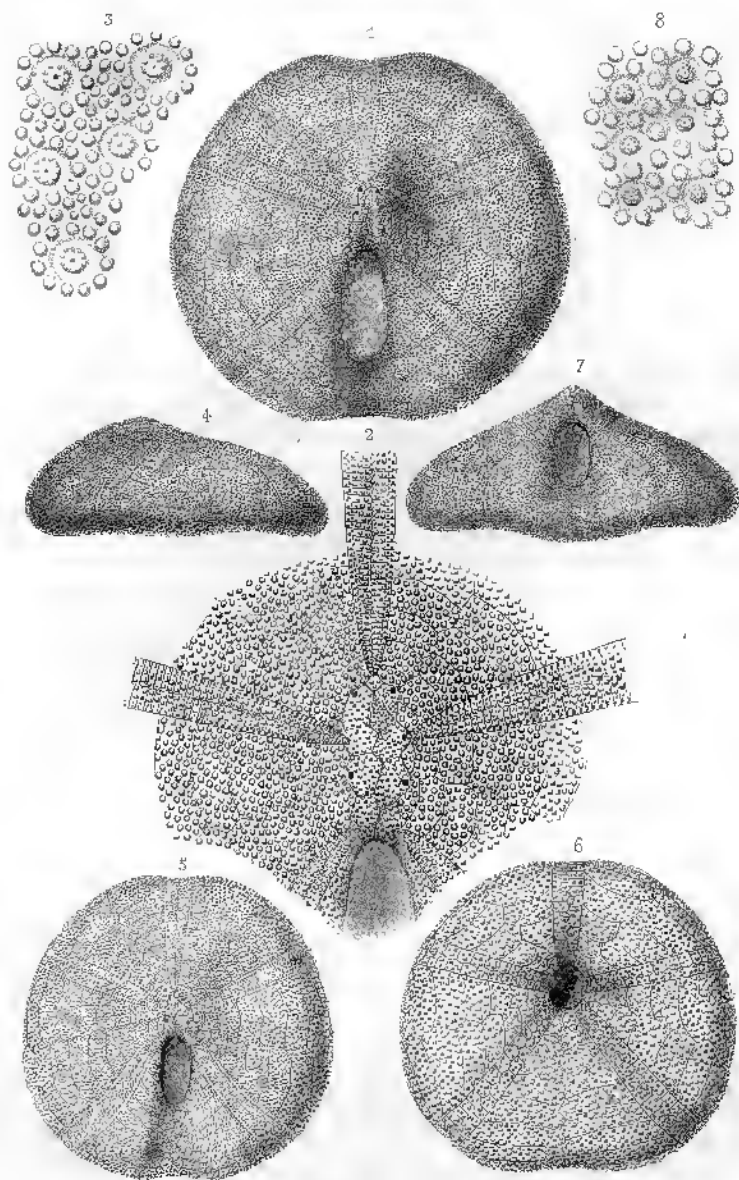


Humbert del et lith

G. Masson Editeur

Imp. Sieyès, Paris

1 - 4. *Galeropygus disculus*, Cottau-Bathemou.5 - 13. *G. ————— crassius*, — — —

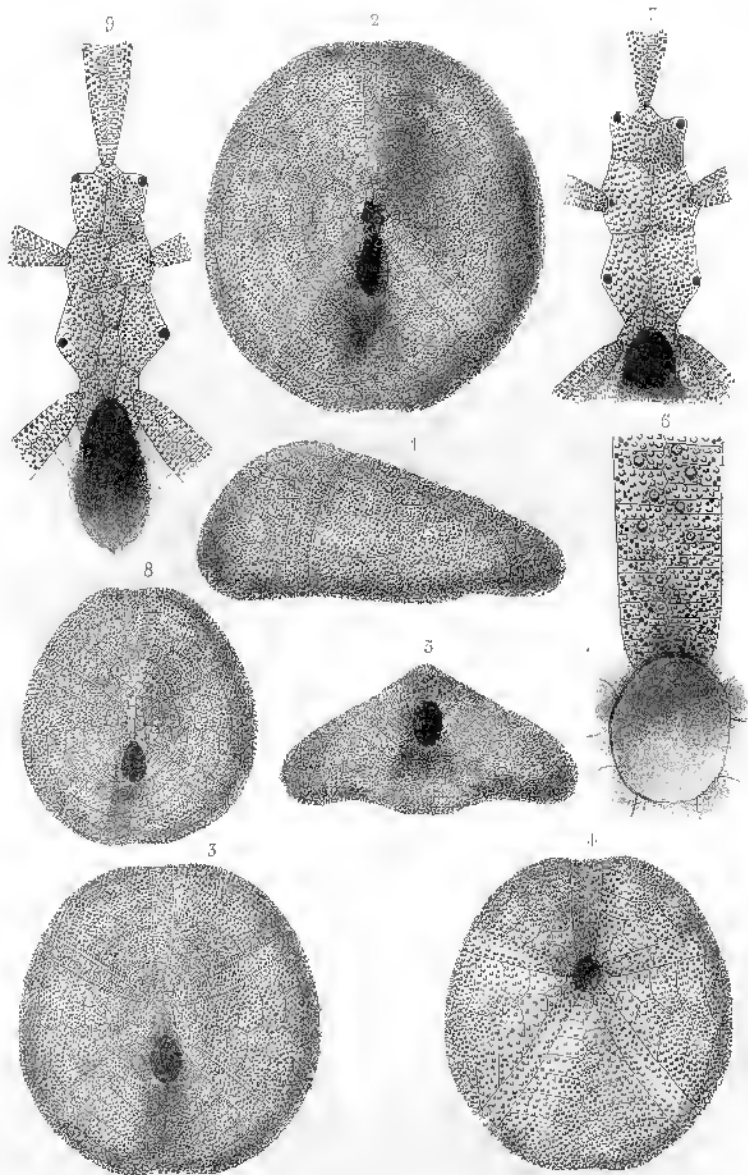


*Univer. del. et lith.*

G. Masson Editeur

Imp. Baquet, Paris

*Hyboclypus gibberulus, Agassiz. Enjoien et Bathonien.*



Humbert, nat. et lith.

G. Messon Editeur.

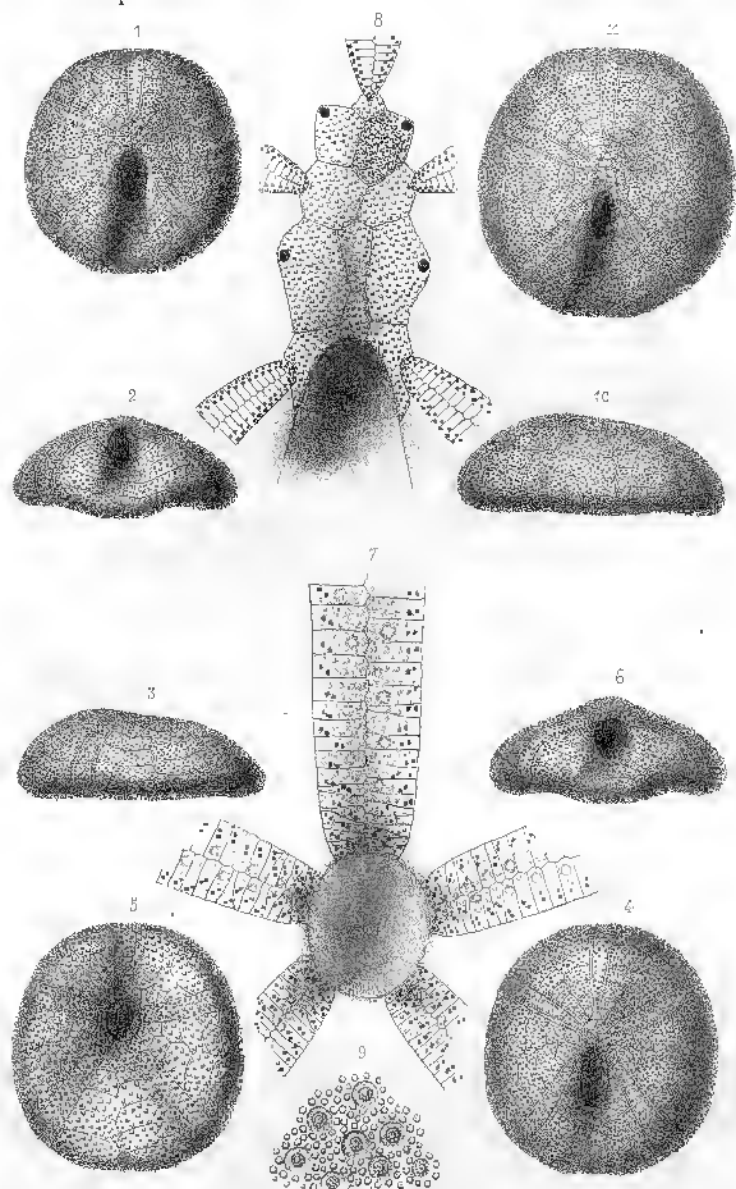
exp. Bagnat, Paris

*Hybochypus gibberulus*, Agassiz. Bathonien.



T. Jurassique.

Echinides. PL. 94.

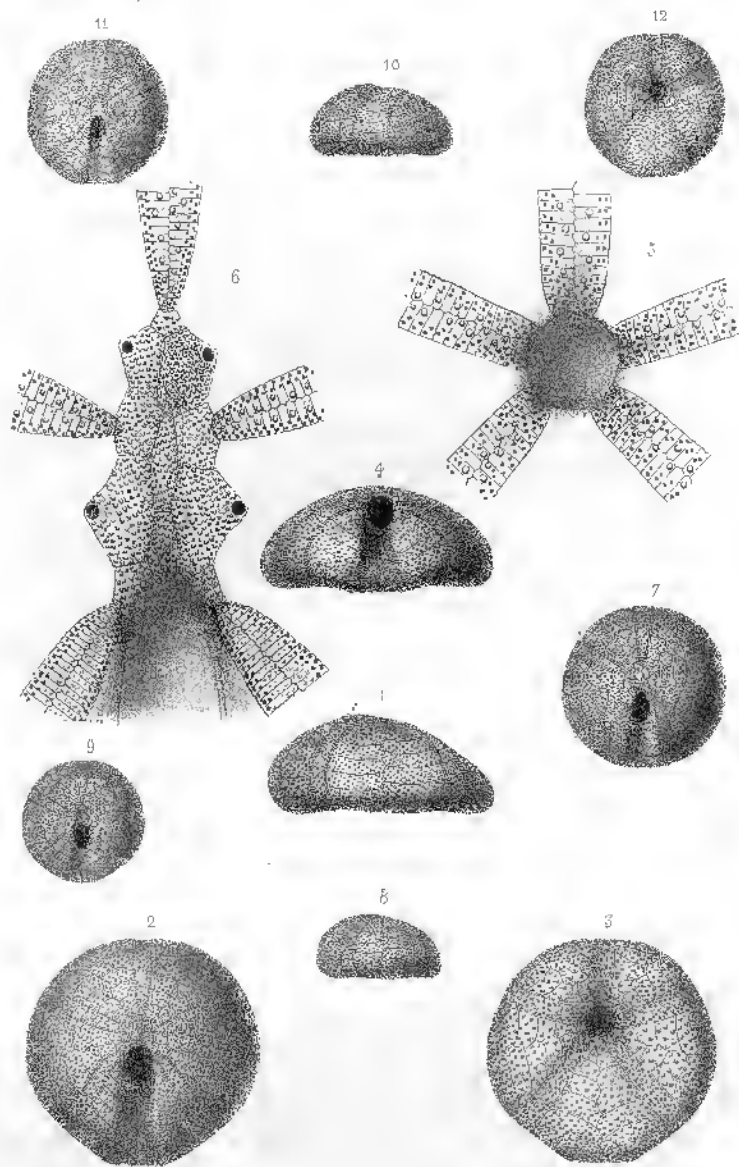


Humbert del. et lith.

G. Masson, Editeur.

Imp. Berquet, Paris.

*Hyboctypus ovalis*, Wright. Bajocien et Bathonien.

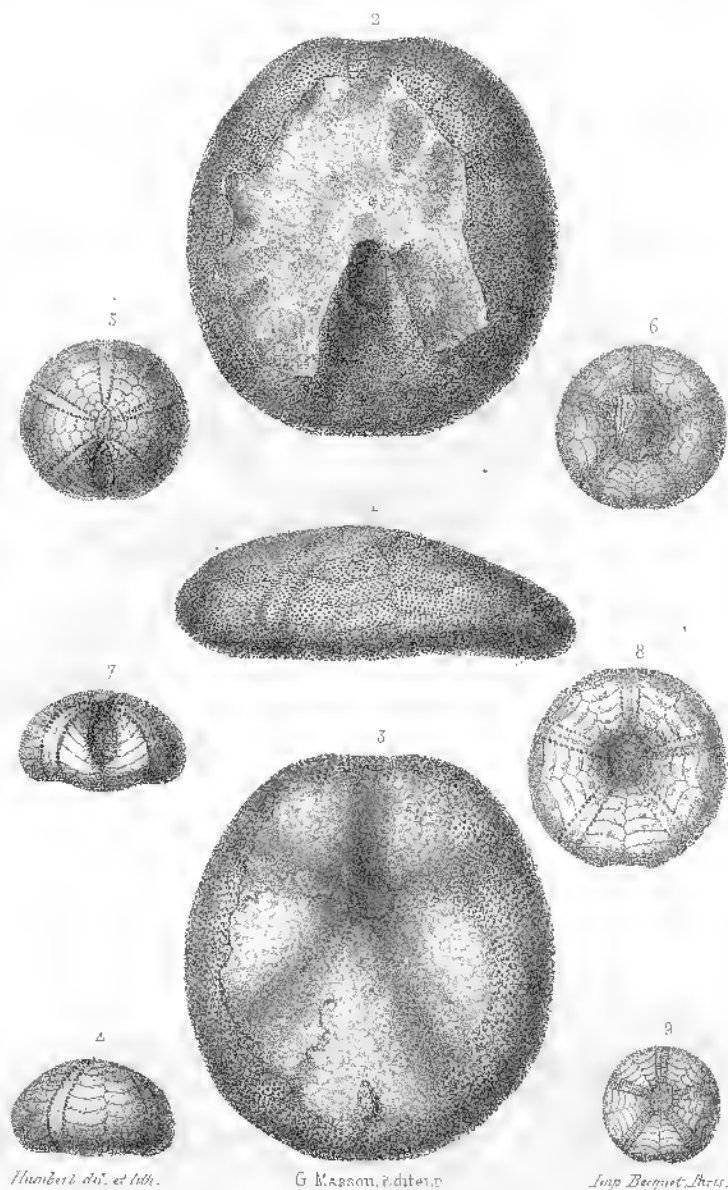


Humbert del et lith.

G. Masson, Editeur

Imp. Boquet, Paris.

1-9. *Hyboclypeus Theobaldi*, de Loriol. Bajocien.  
10-12. 11. \_\_\_\_\_ *canaliculatus*, Desor. Bathonien.



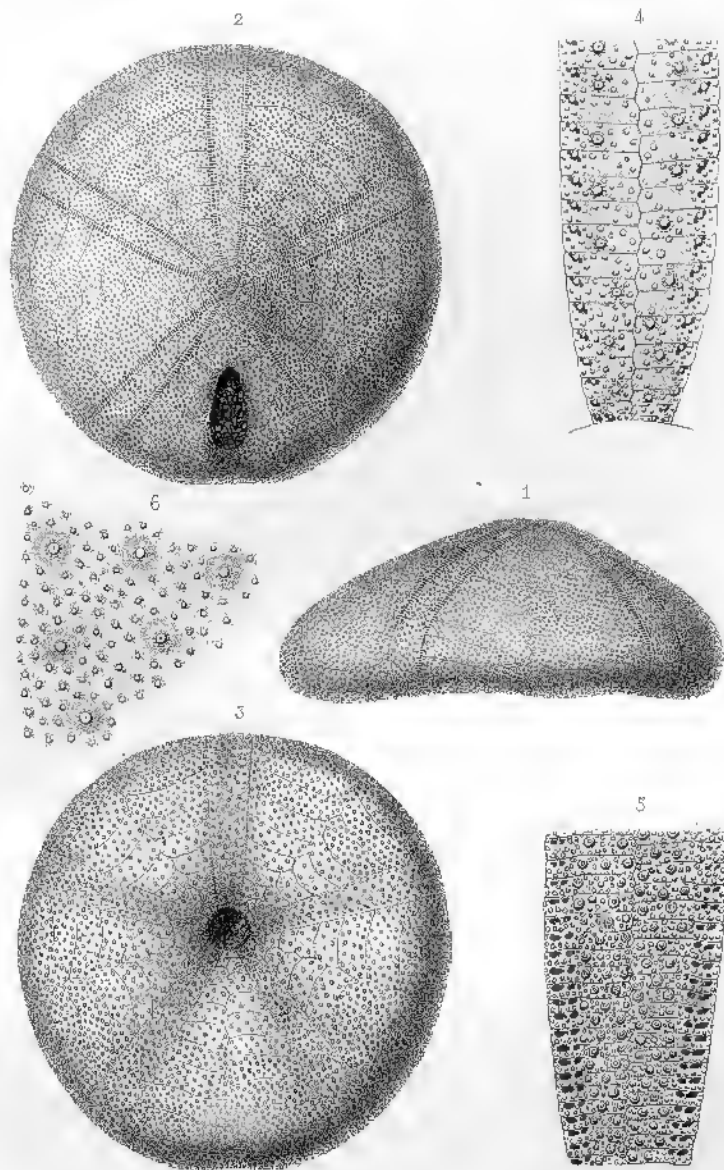
Humbert del. et lith.

G. Masson, p. d'inter.

Loup Bequet, Paris.

1 - 3. *Hyboclypeus Wrighti*, Hallon. Corallien.

4 - 9. *H. Drogincus*, Collaen. \_\_\_\_\_

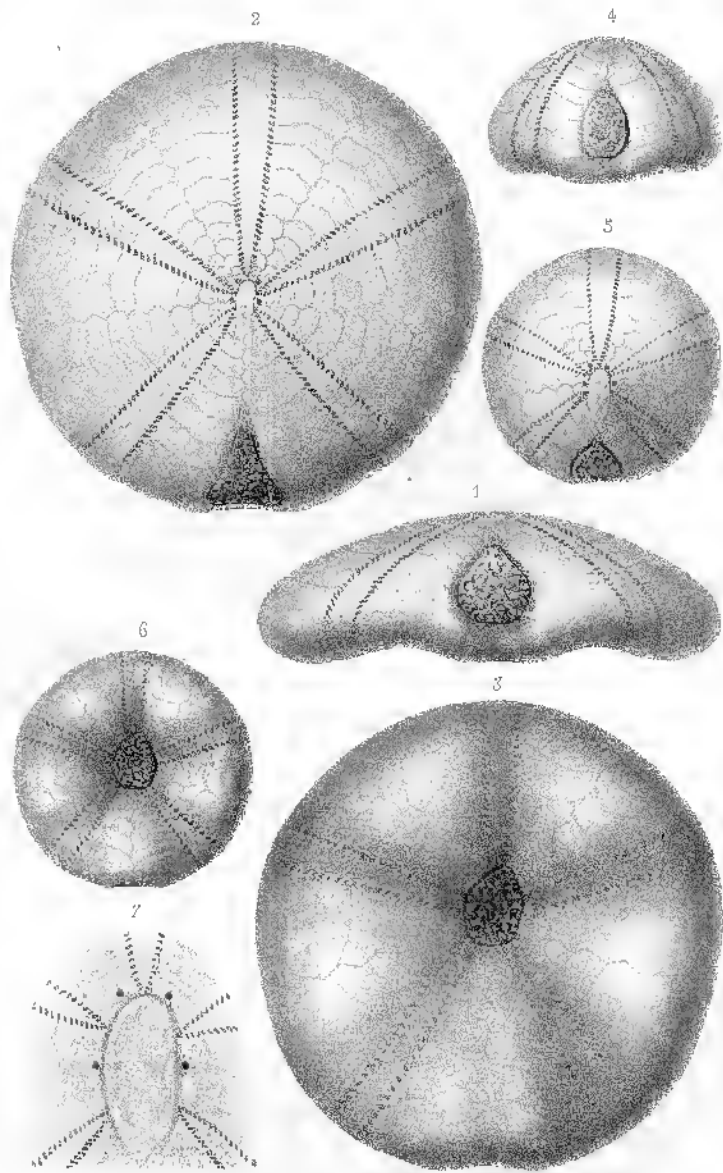


Humbert del. et lith.

G. Massou, Editeur.

Lap. Dequet. Paris

*Echinoclypeus Peroni*, Coltrou. Bathonian.

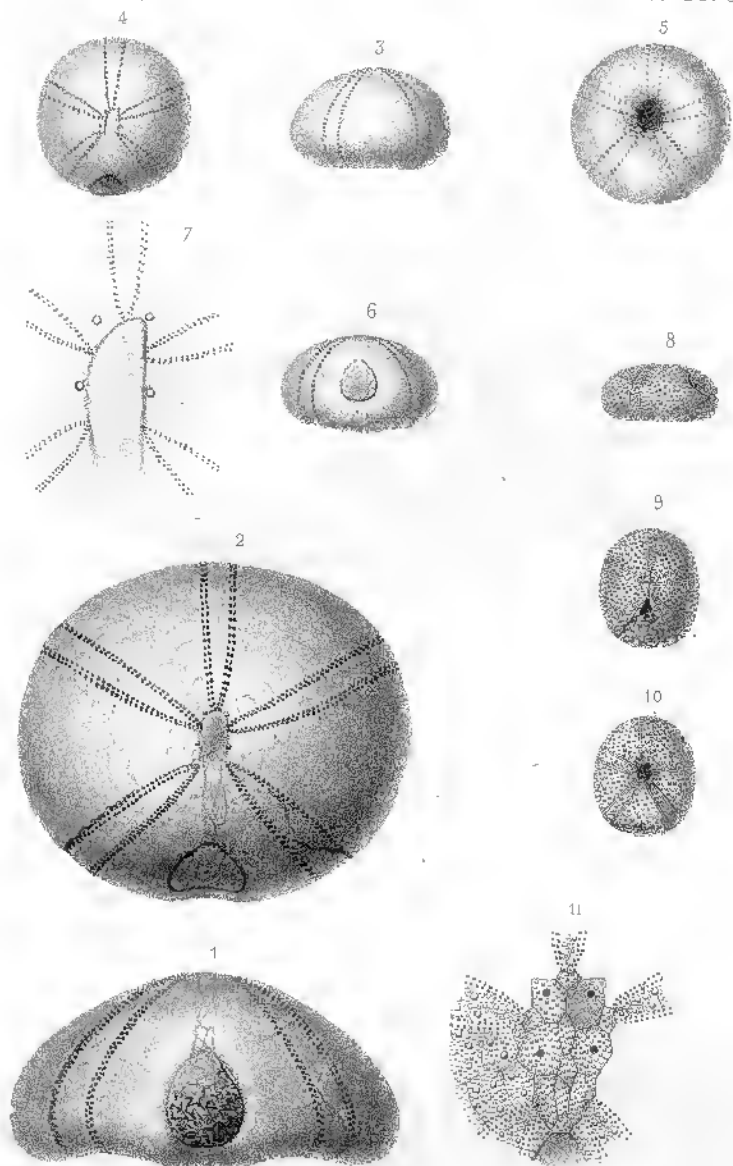


Humbert del. et lith.

G. Masson, Éditeur

Imp. Bouquet, Paris.

*Desorella elata*, Cothrau. Corallien.

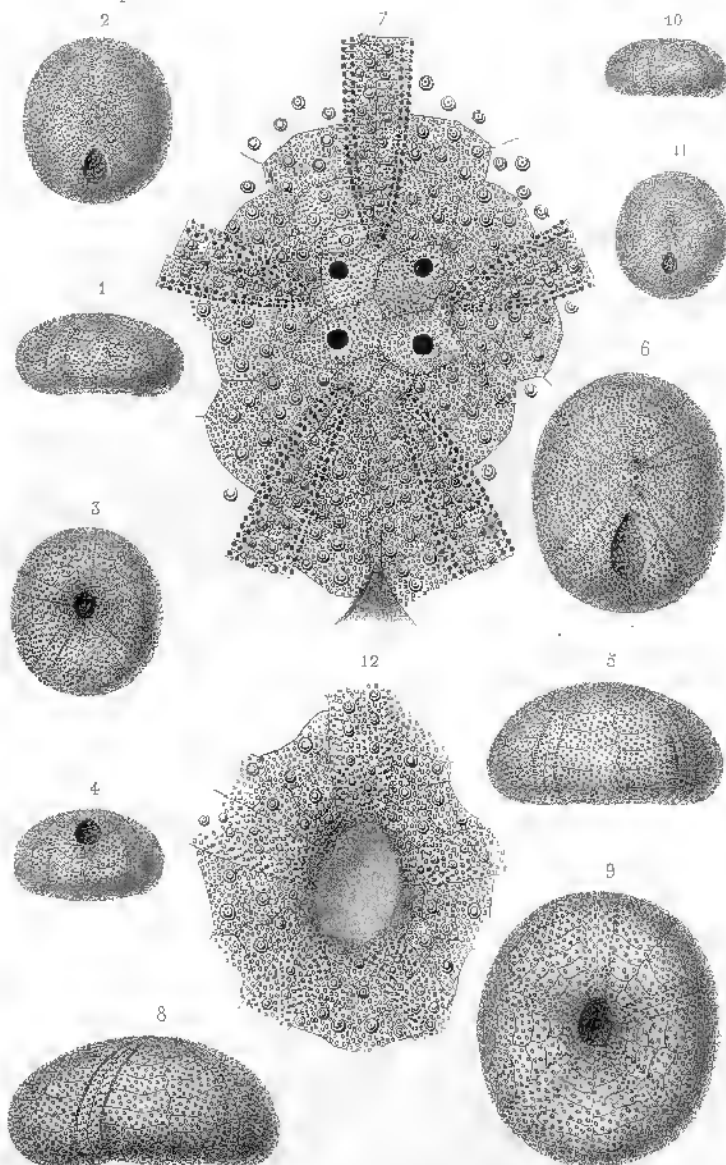


Humbert del. et lith.

G. Masson, Editeur.

Imp. Bachelier, Paris

- 1-2. *Desorella elata*, Cottau. Corallien.  
 3-7. *D. ———* Grasi, Cottau. ———  
 8-11. *Pyrina Guérangeri*, Cottau. Bajocien.



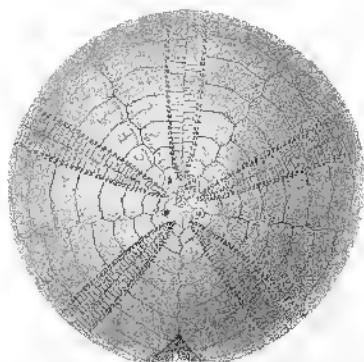
*Huberts del. et lith.*

G. Masson, Editeur.

*Imp. Guénot, Paris.*

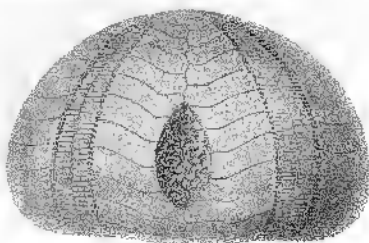
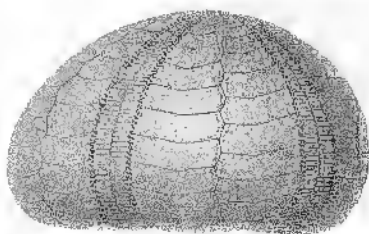
*Pyrina Icaunensis, de Loriol. Corallien.*

2

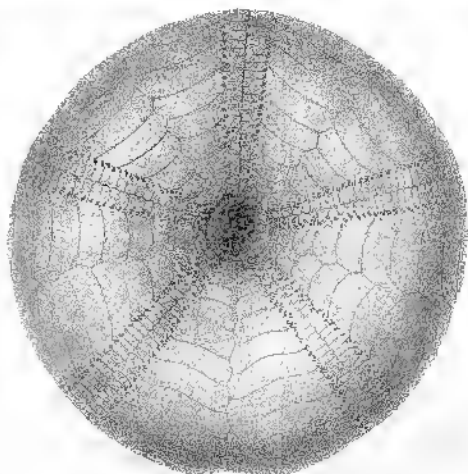


1

3



4



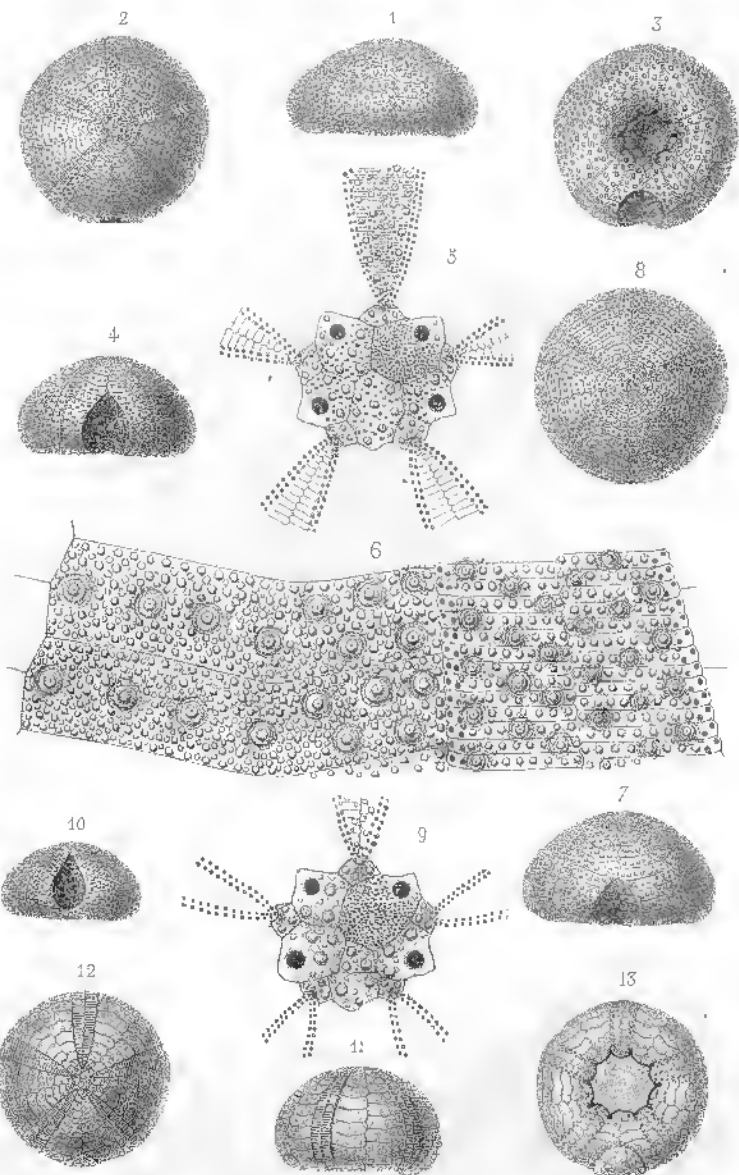
Humbert del. et lith.

G. Masson, Editeur.

Imp. Baquet Paris.

*Pachyclypeus semiglobus*, Desor. Oxfordien



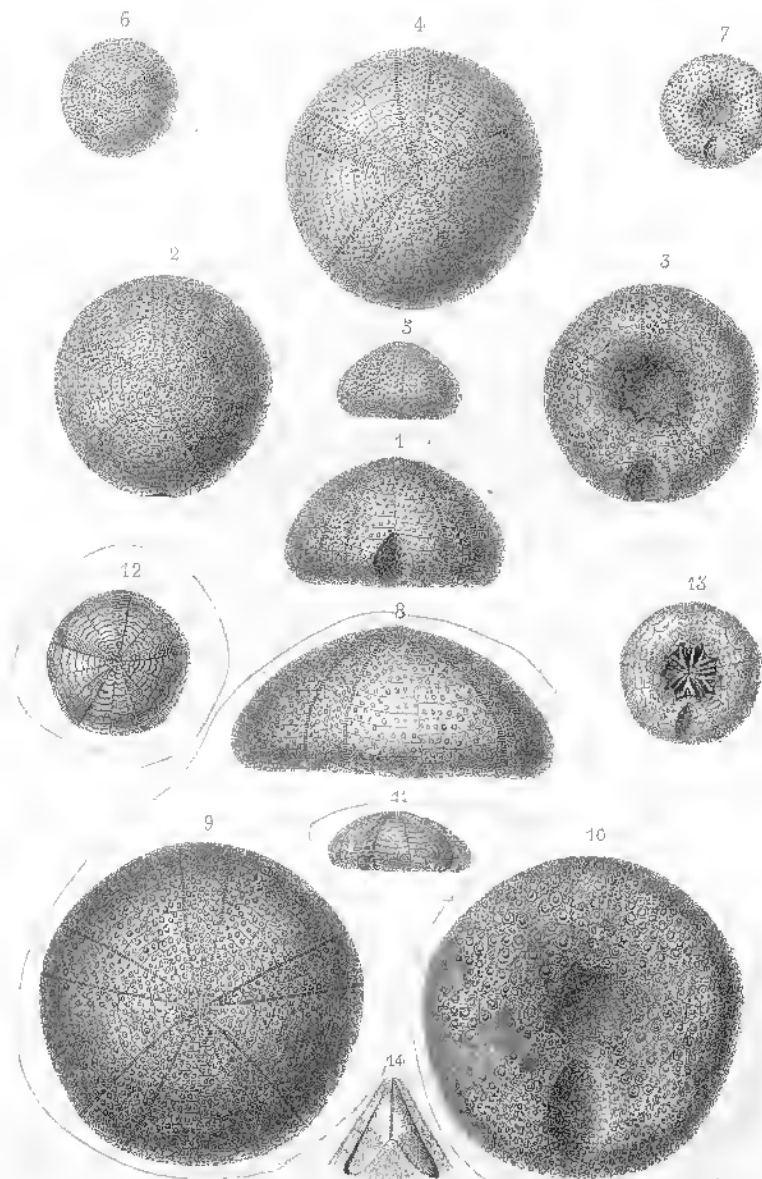


Humbert del. et lith.

G. Masson, F. diteur

Imp. Bequet, Paris

*Helectypus hemisphaericus*, Desor. Bajocien.



Humbert del. et lith.

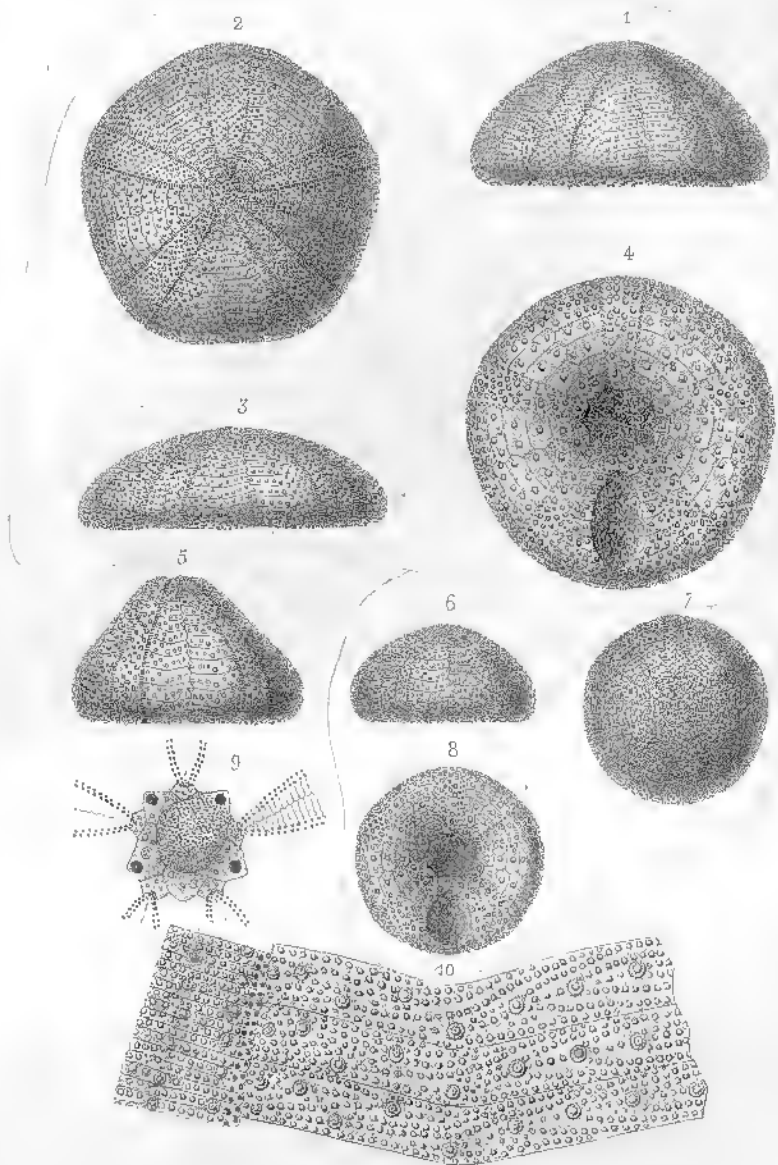
G. Masson, Editeur,

Imp. Baquet, Paris

1-4. *Holactypus hemisphaericus*, Desor. Bathonien.

5-7. *H. concavus*, Desor. Bajocien.

8-14. *H. depressus*, Desor. —



Humbert del. et lith.

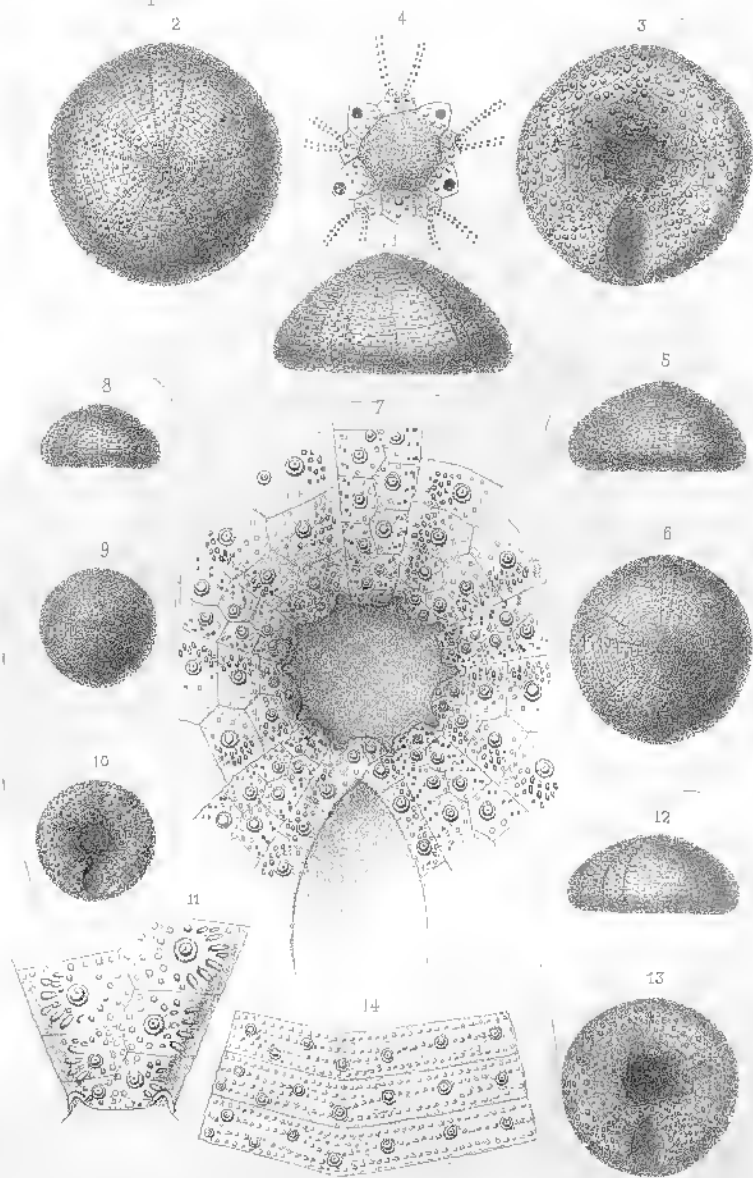
G. Masson, Éditeur.

Imp. Ecquet, Paris

*Holactypus depressus*, Desor. Bayocéen

T Jurassique.

Echinides Pl. 105.

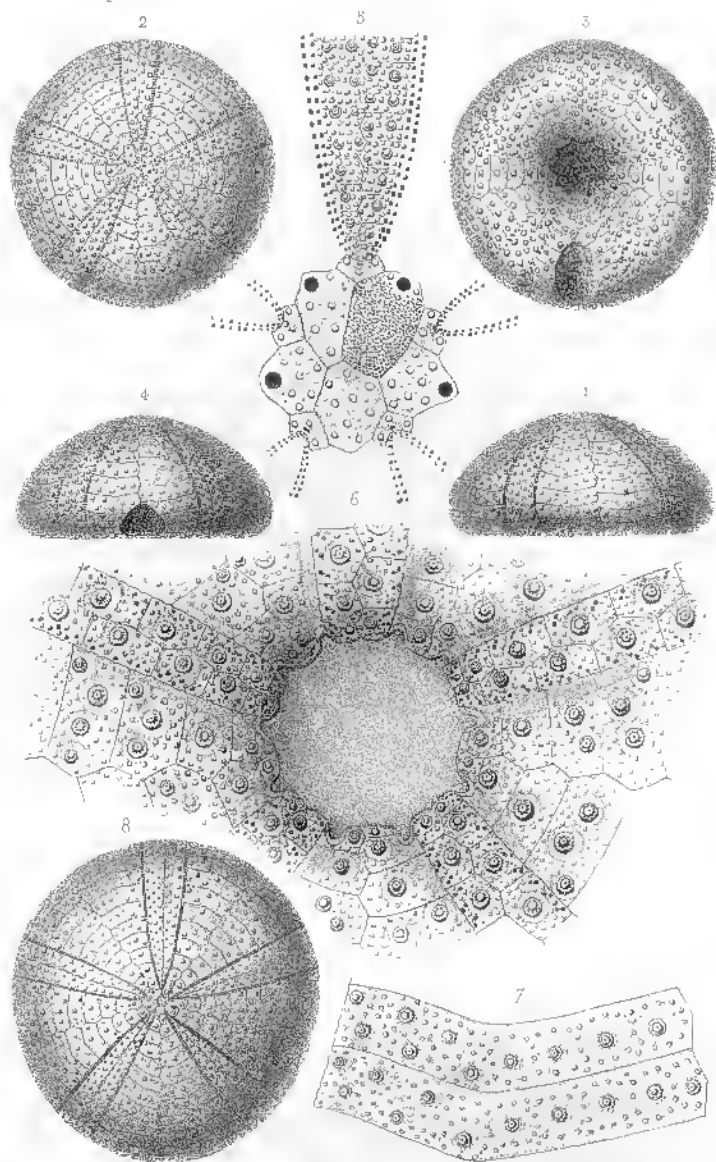


Humbert del. et lith.

E. Vasson, Editeur

Imp. Bequet, Paris

*Holactypus depressus*, Desor. Callovien et corallien.

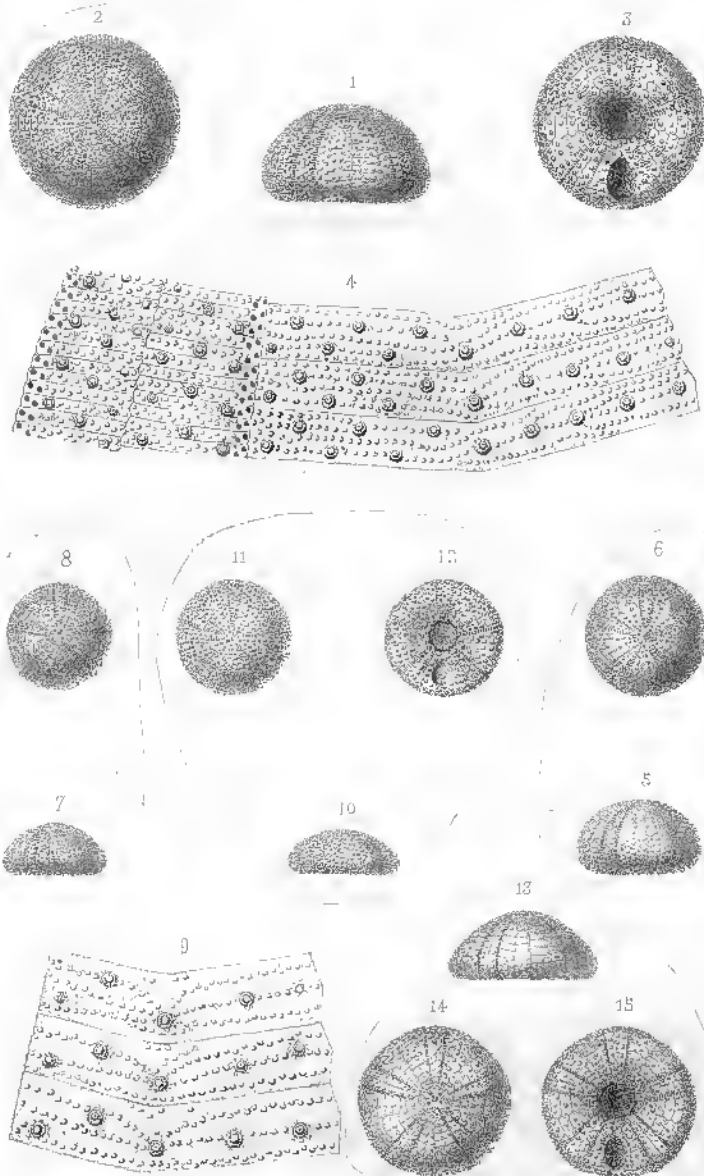


Humbert del. et lith.

G. Masson, Editeur

Imp. Bouquet Paris.

*Holactypus Sarthacensis*, Coléau. Bathonien et collovien.

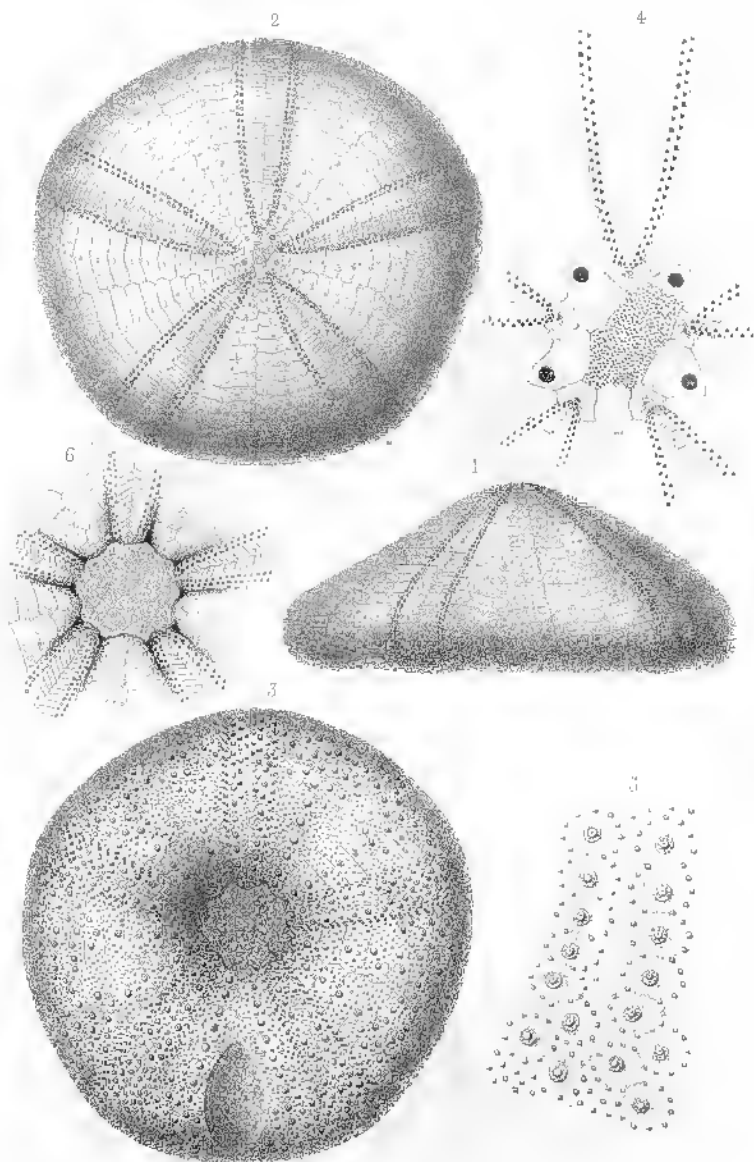


Humbert del. et lith.

G. Masson. Editeur.

Imp. Bugeat, Paris.

1-9. *Holotrypus punctulatus*, Desor. Bathonien.  
10-15. *H. — planus*, Desor. Oxfordien.



Herbert del. et lit.

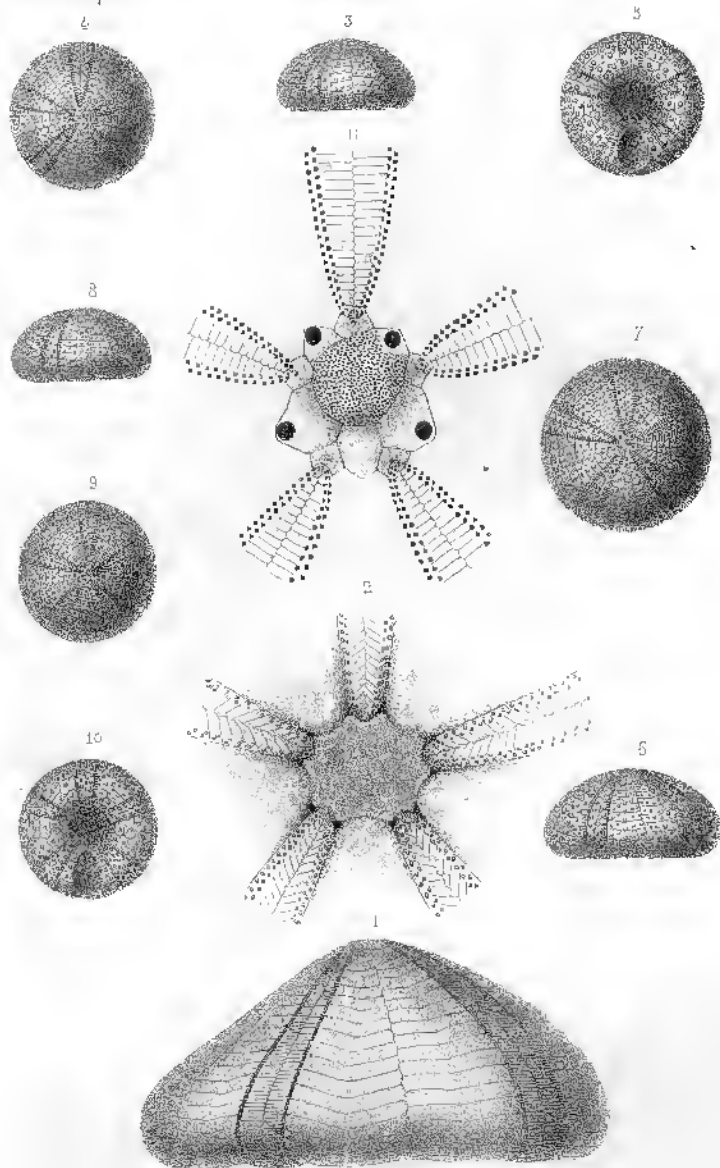
G. Masson, Editeur

Imp. Breguet, Paris

*Holcotypus Drogicus*, Cottau. Corallien inf.

T Jurassique.

Echinides. Pl. 109.



Humbert del. et lith

G. Masson Editeur

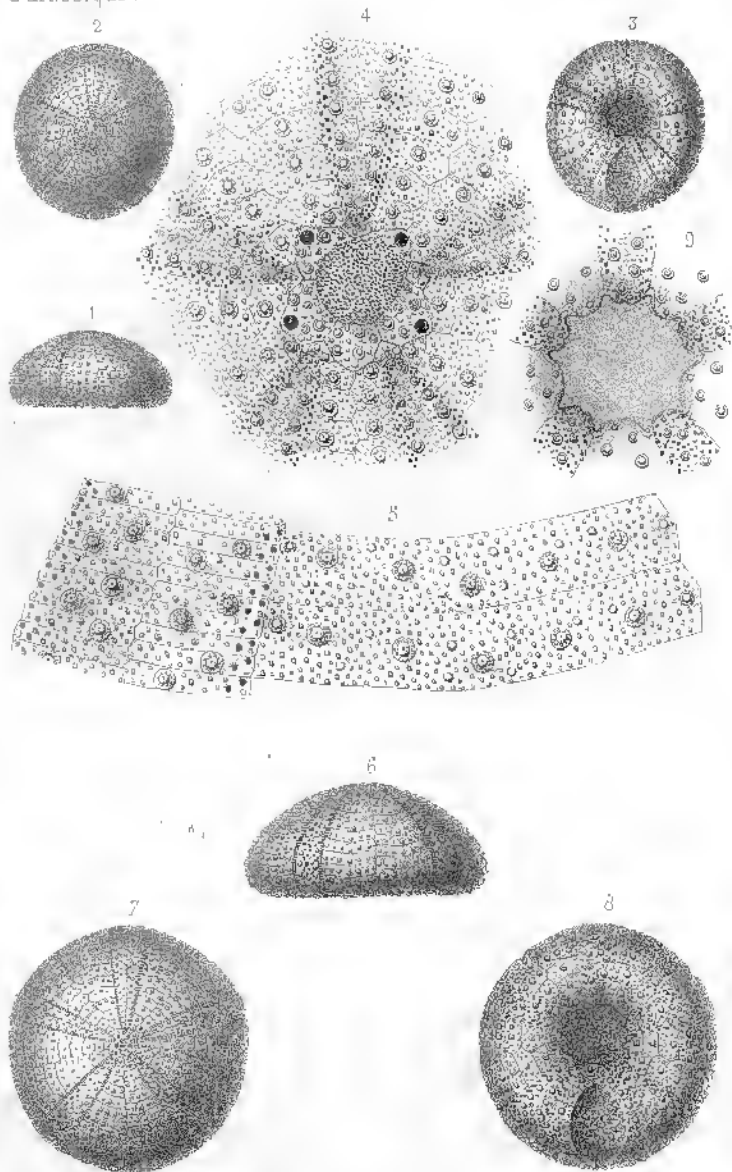
Imp. Dequoy, Paris

1-2. *Holotypus Drogiaicus*, Colbeau, Corallien inf.  
3-10. *H. ——— orificiatus*, de Loriol, Kimmeridgien.



T Jurassique.

Echinides Pl. 110.

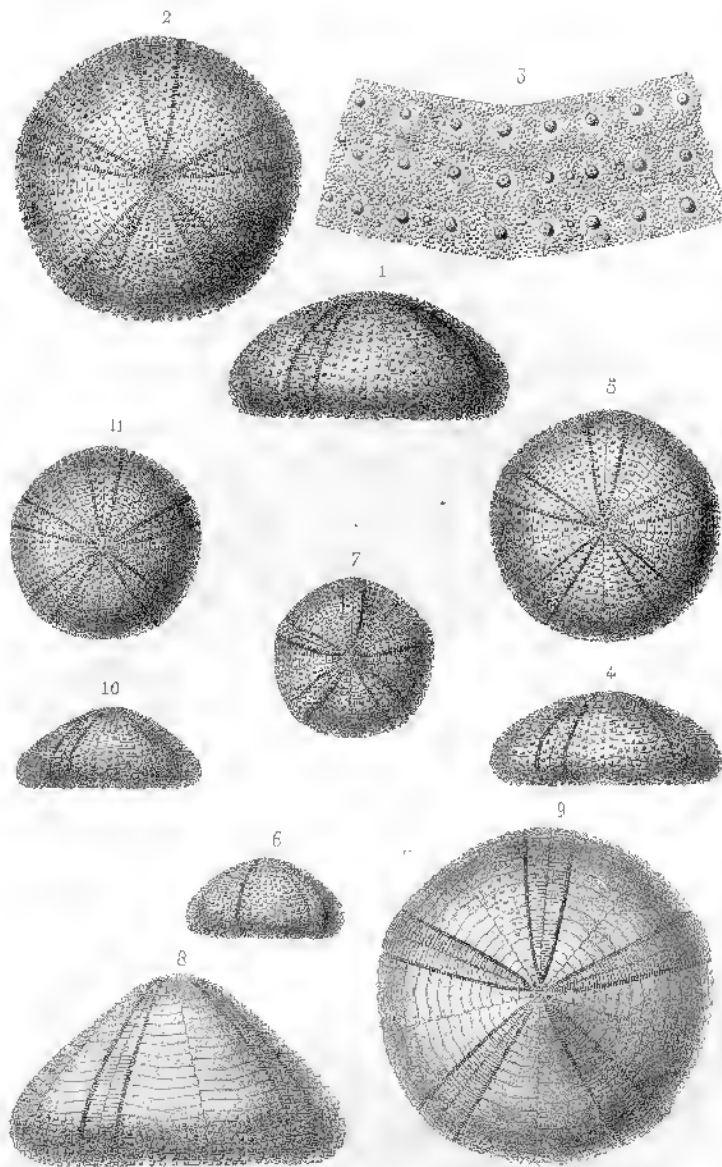


*Blondet vel et lili*

*G. Masson, lili*

*Lup. Boquet, Paris.*

*Holotypus corallinus, d'Orbigny, Oxfordien et corallien*



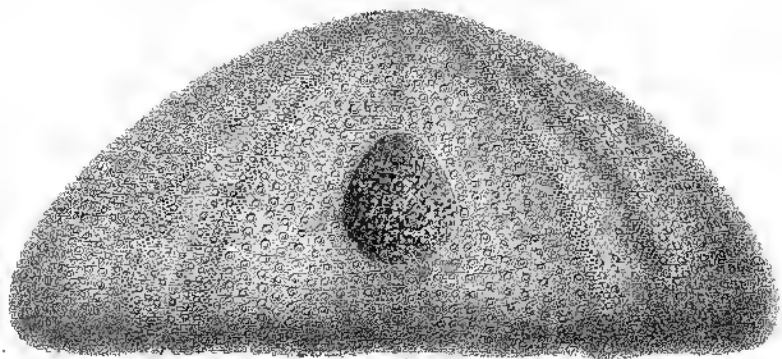
Humbert del. et lit.

G. Masson Editeur.

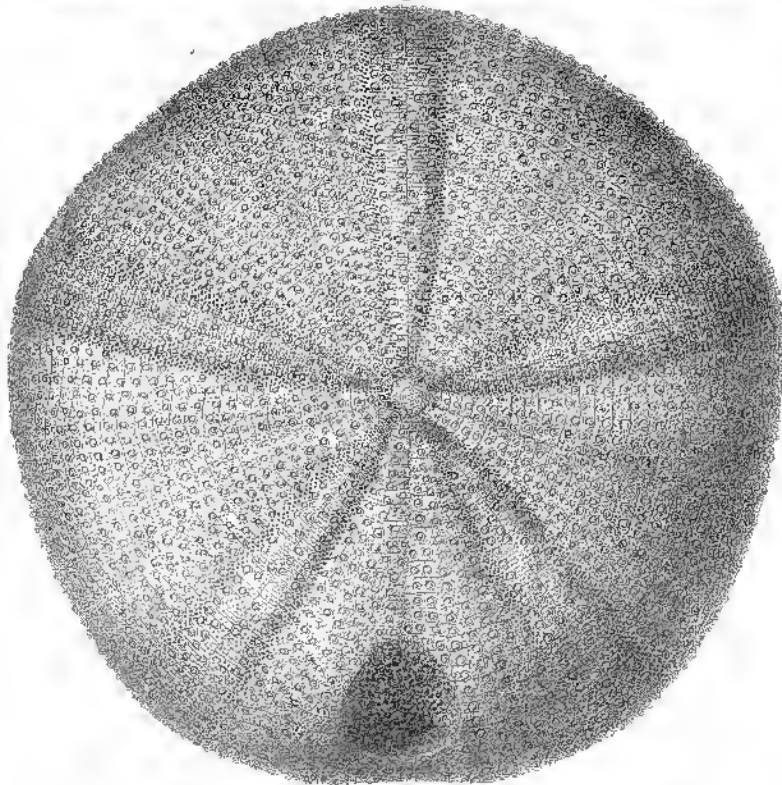
Imp. Dequet, Paris.

*Holactypus corallinus*, d'Orbigny. Corallien, kimmeridgien et portlandien.

1



2

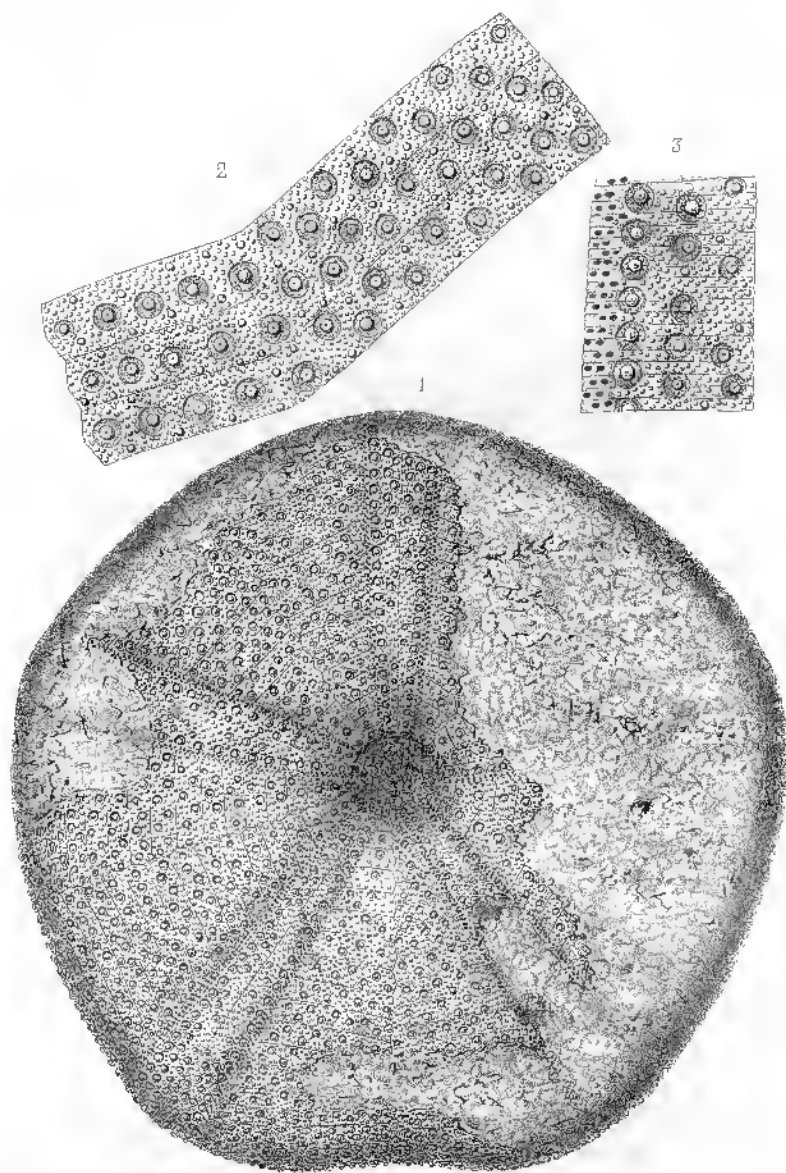


Humbert del et lith.

G. Mignon, Editeur

Imp. Lecquet, Paris

*Pileus hemisphaericus*, Desor. Cratellon.



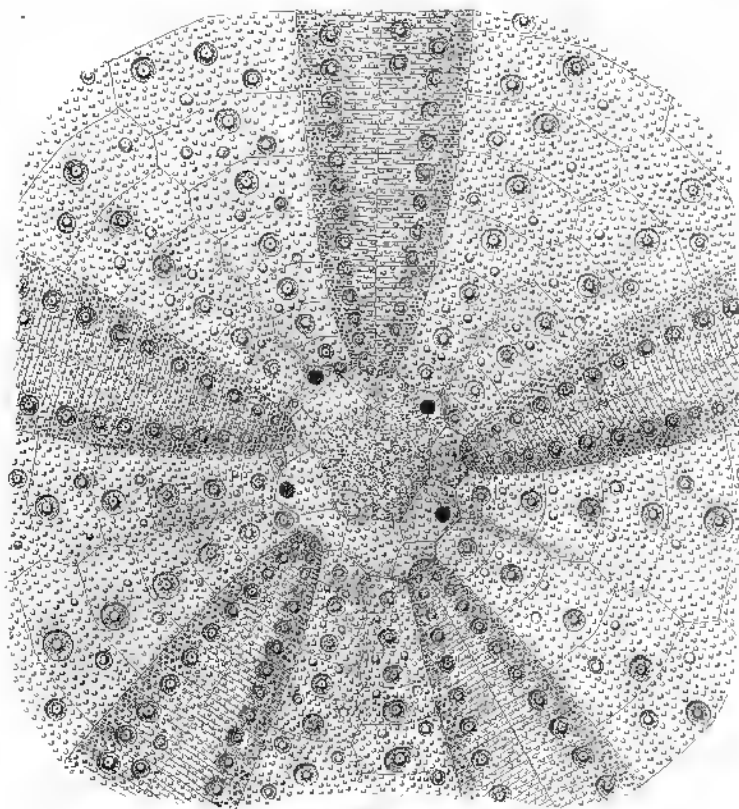
Humbert del et lith.

G. Masson, F. diteur.

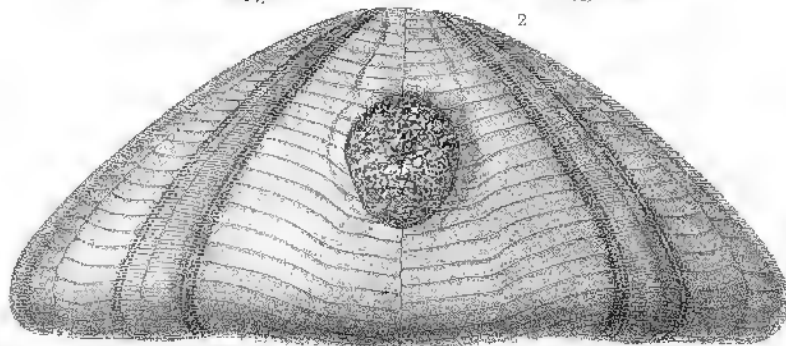
Imp. Baquet, Paris.

*Echinus hemisphaericus*, Desor. Cortalien.

1



2



Humbert del. et lith.

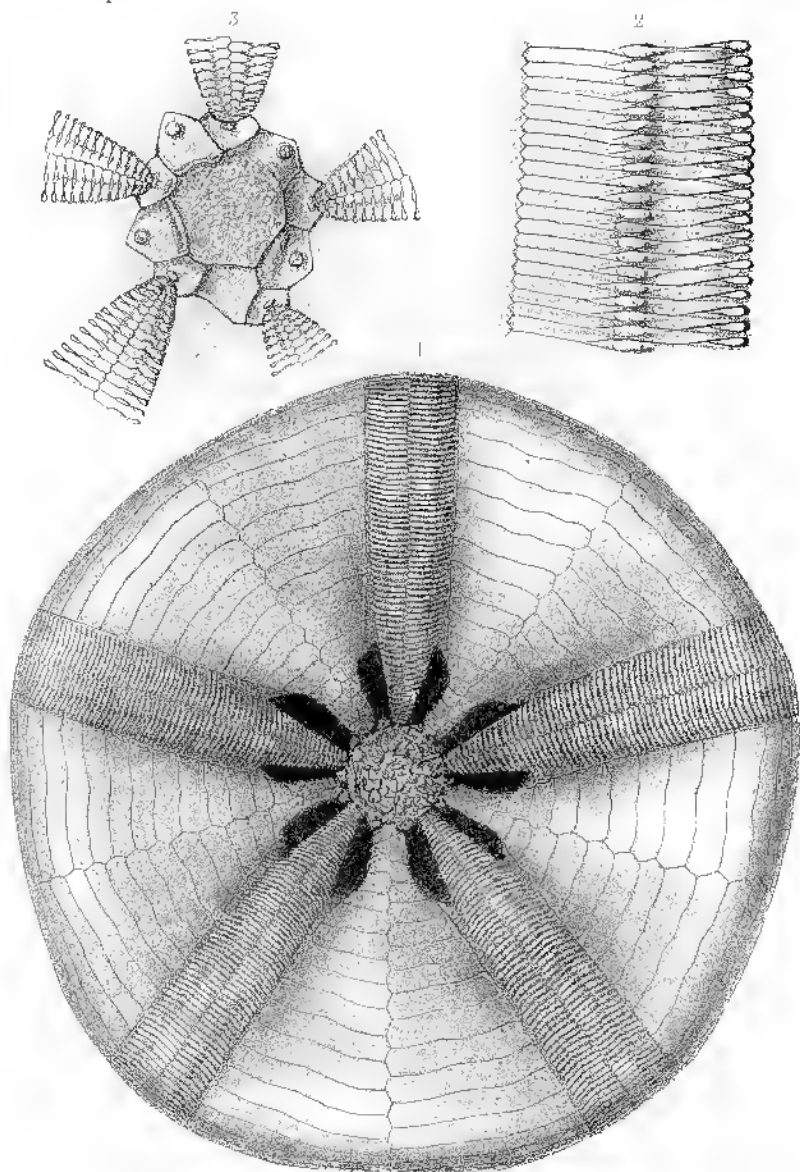
G. Masson E diteur.

Imp. Bugeat foris.

*Pileus hemisphaericus*, Desor. Corallien.

T. Jurassique.

Echinides. Pl. 115.

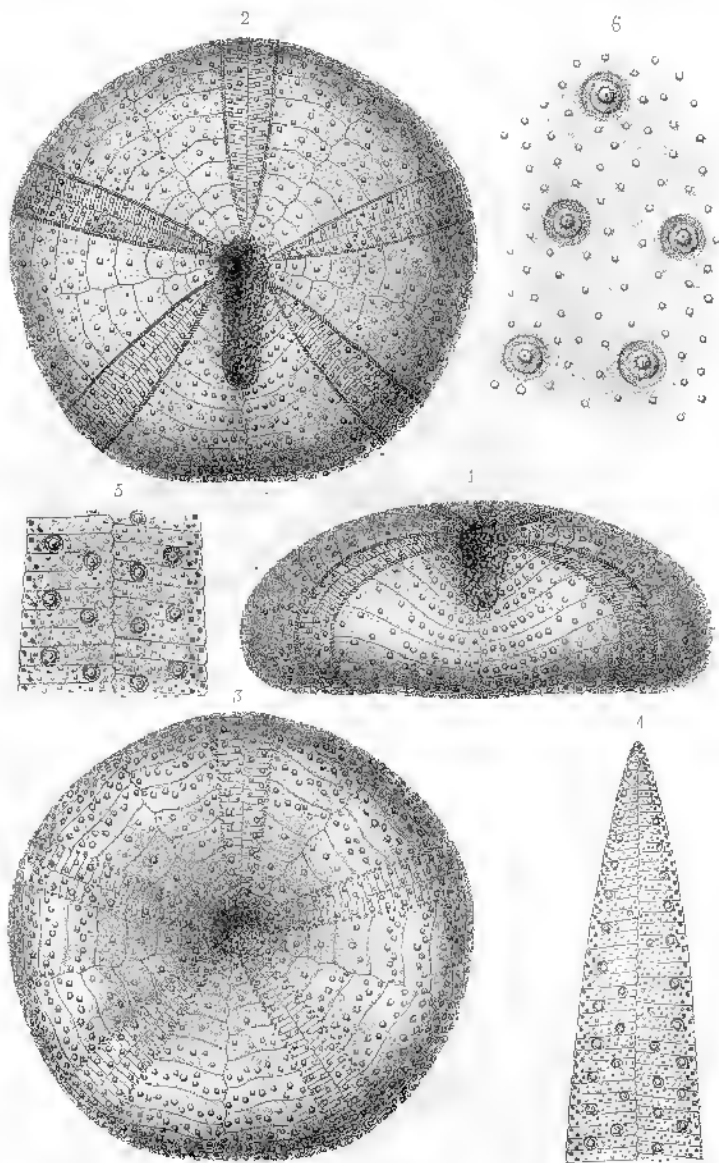


Humbert del. et lith.

G. Masson, Editeur.

Imp. Breguet, Paris.

*Pileus hemisphaericus*, Desor. Corallien.

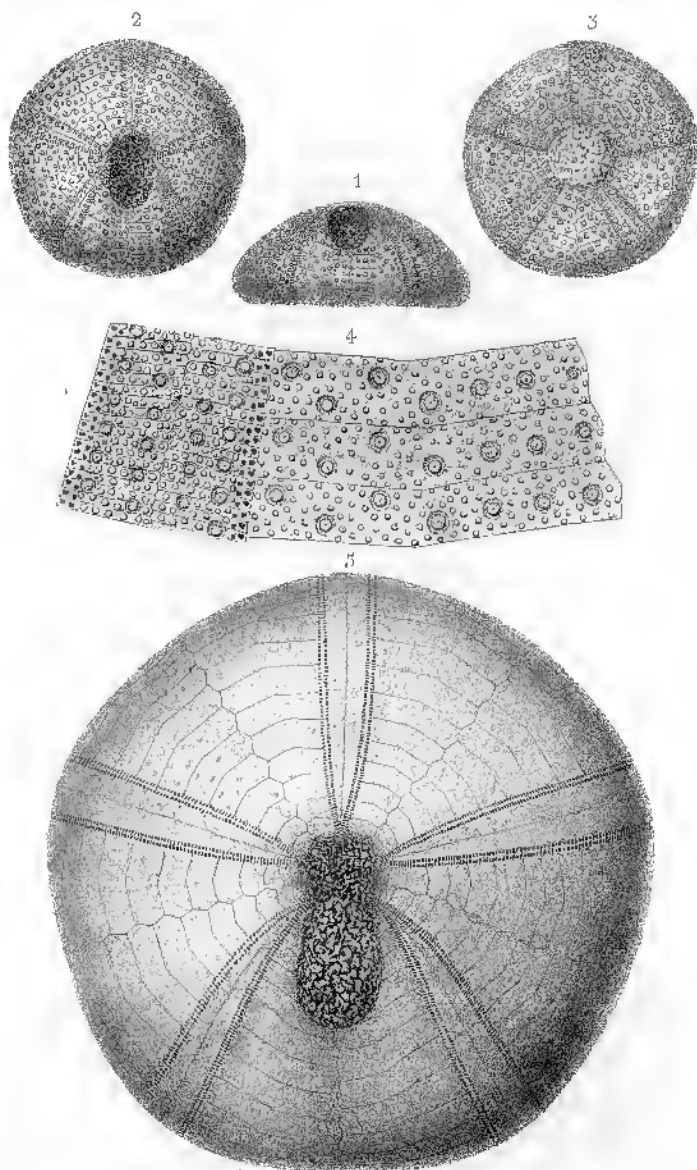


Humbert del. et lith.

G. Masson, Éditeur.

Imp. Bruguier, Paris

*Galeropygus Marionii*, Cottreau. Oxfordien.



Humbert del. et lith.

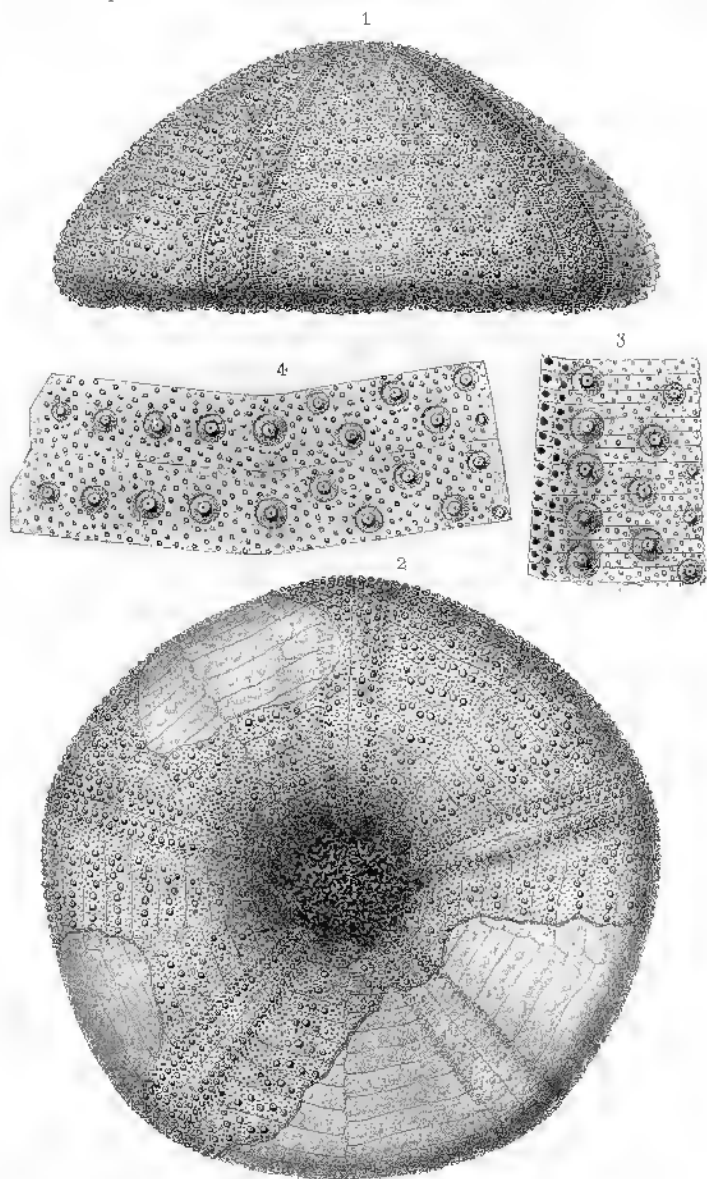
G. Masson, Éditeur.

Imp. Bécquet, Paris.

1 - 4. *Pygaster Reynesi*, Desor. Liasien.

5. *P. — semisulcatus*, Agassiz. Bajocin.



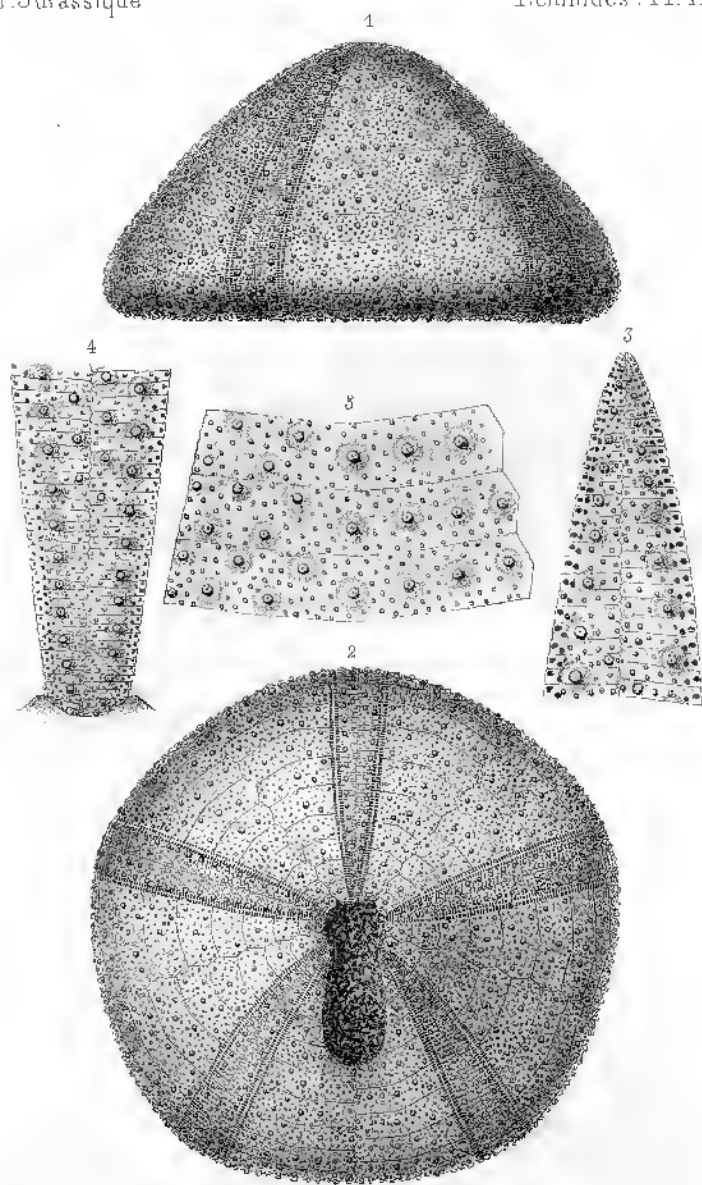


Humbert del et lith.

G. Masson, Kœnig

Imp. Bequet, Paris

*Pygaster semisulcatus*, Agassiz. Bajocin.

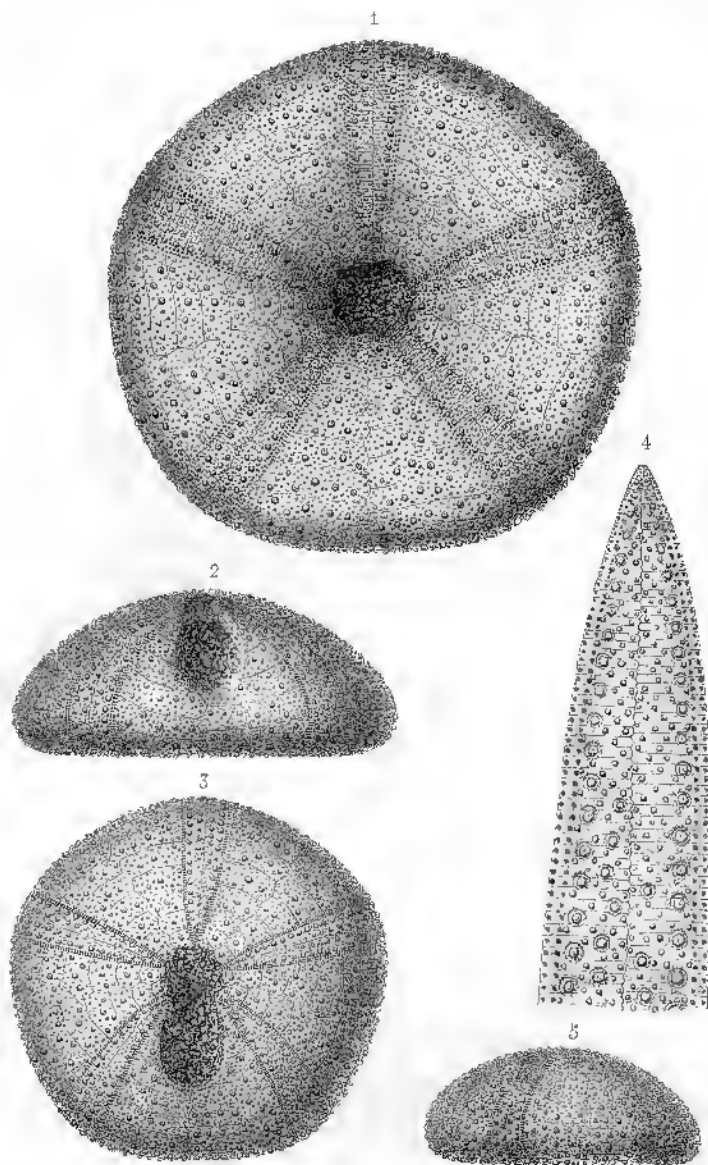


Humbert del. et lith.

G. Masson, Editeur.

Imp. Brequet, Paris.

*Pygaster conoideus*, Wright Bajorien.

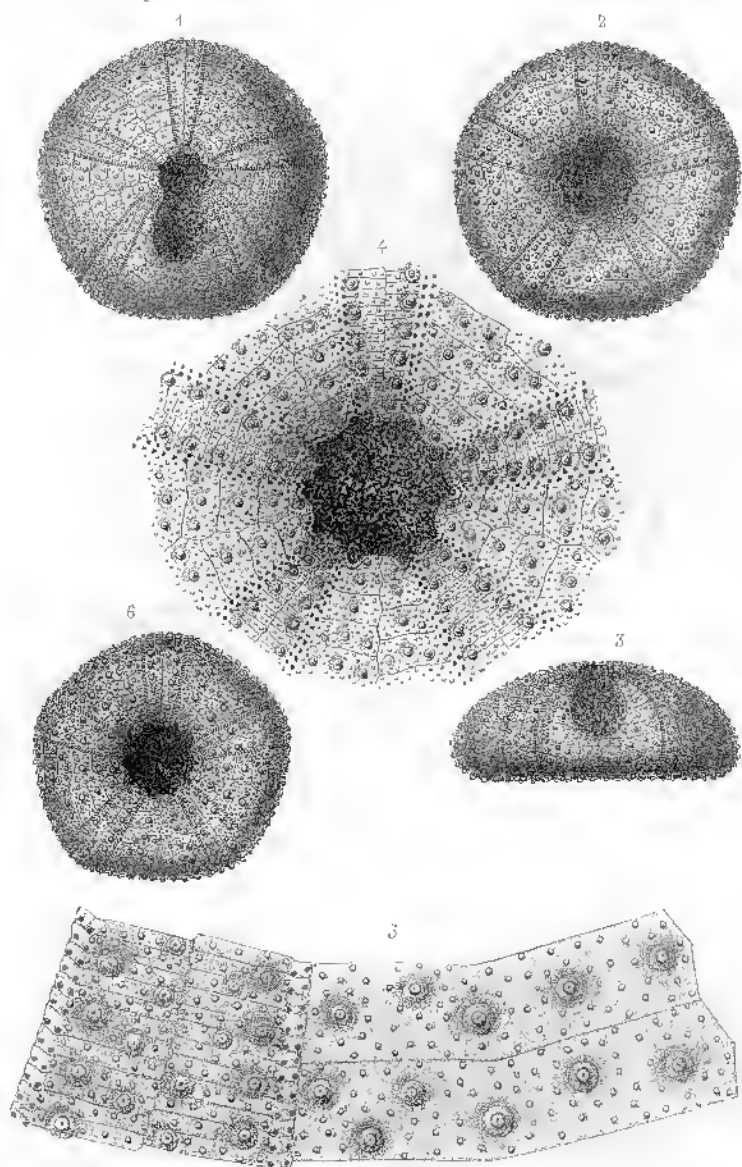


Humbert del. et lith.

G. Masson, Editeur.

Imp. Bequet, Paris.

1. *Pygaster conoideus*, Wright. Bajocien.  
 2 - 5. *P. ——— Trigeri*, Colteau. Bathonien.

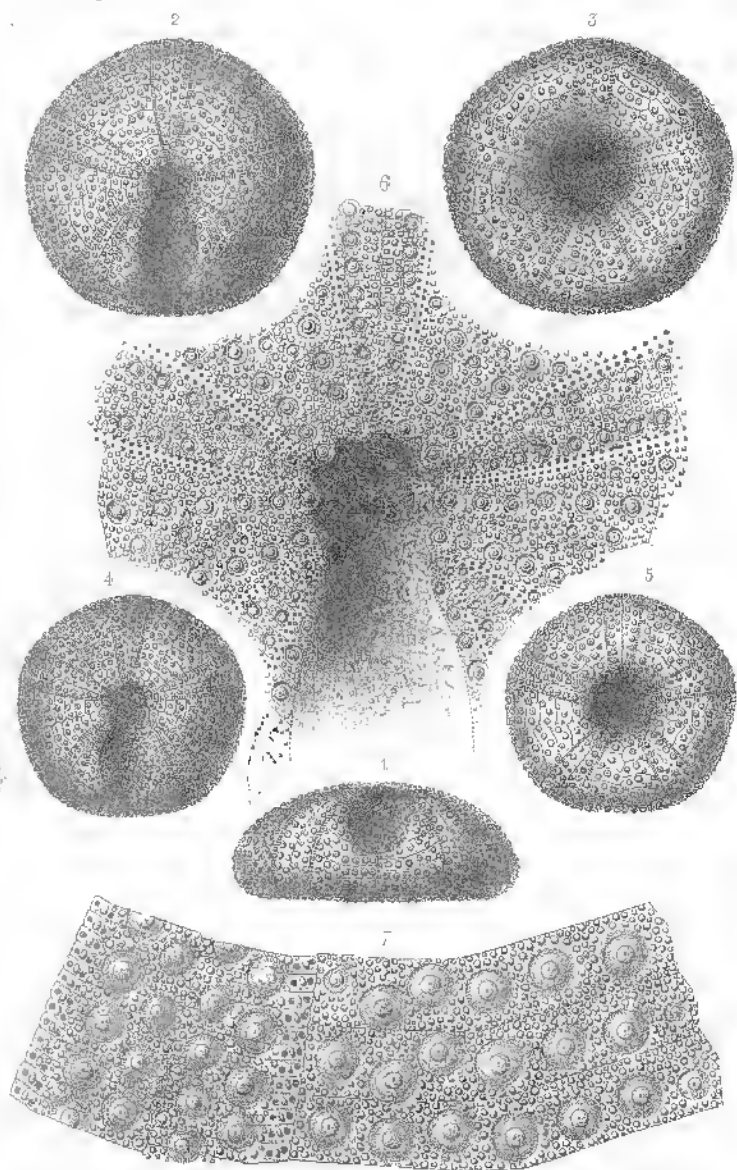


Humbert del et lith.

G. Masson, Editeur.

Imp. Besquet, Paris.

*Pygaster Trigeri*, Cottan, Balhonien.

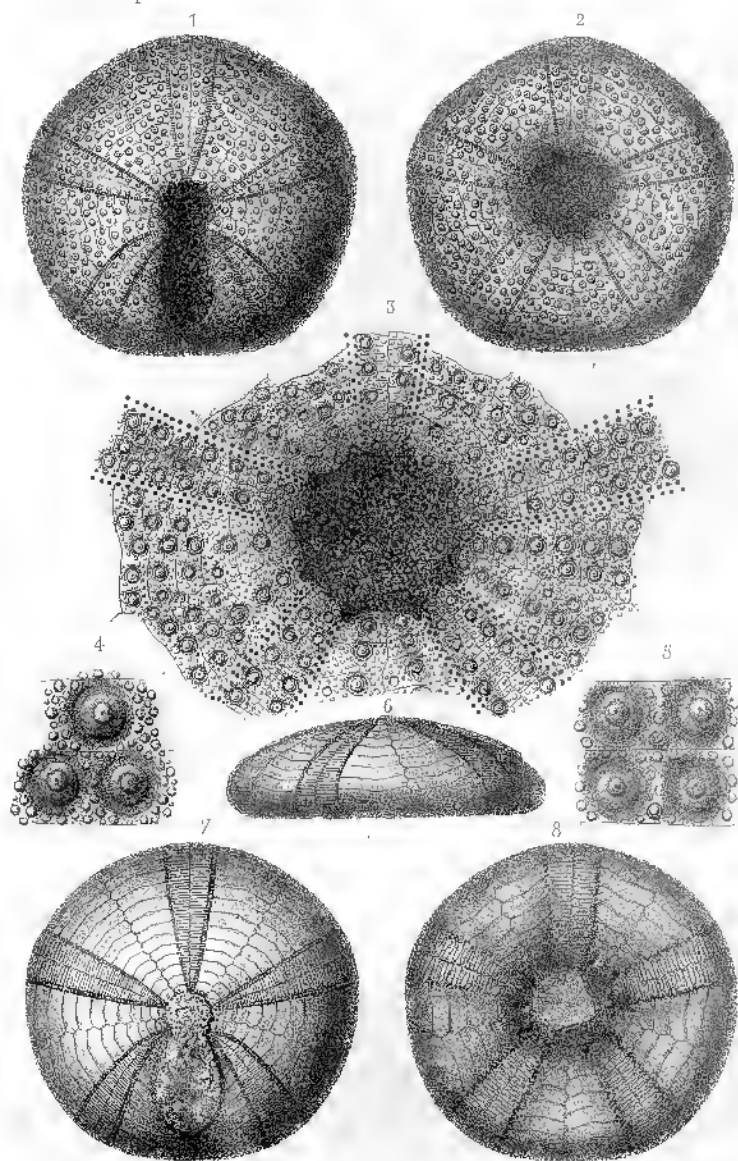


Humbert del. et lith.

(r. Masson, Editeur.

Imp. Bequet, Paris

*Pygaster laganoïdes*, Agassiz. Bathonien.



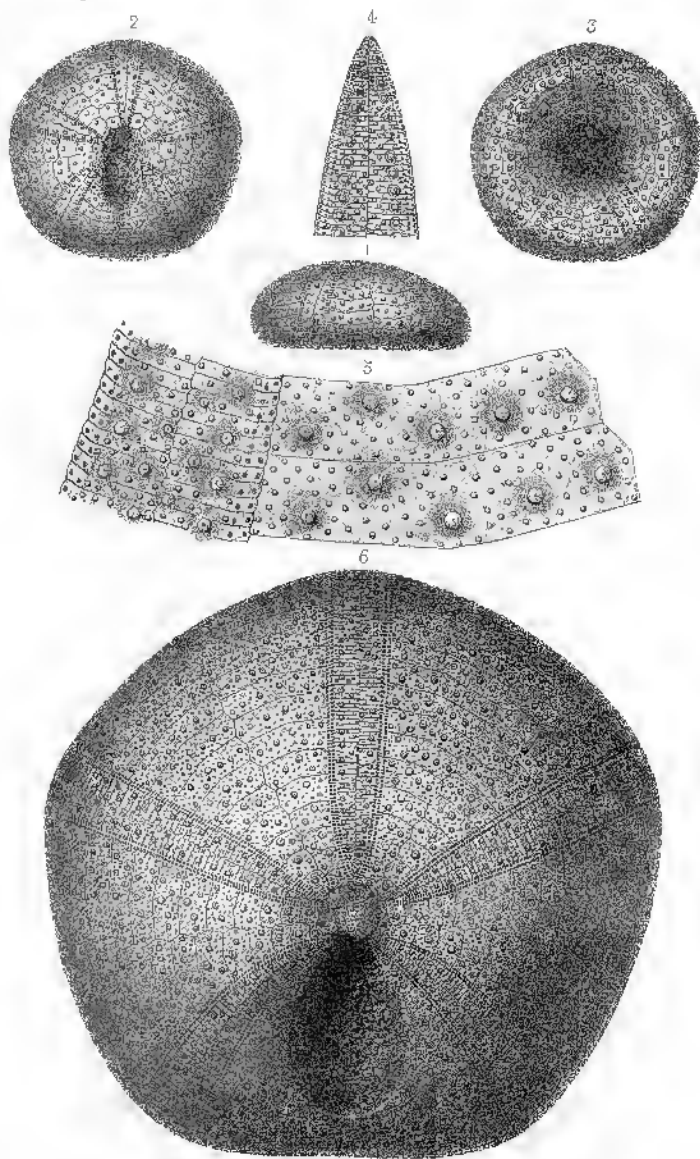
Humbert del. et lith.

G. Masson, Editeur.

Imp. Berquet, Paris.

1 - 5. *Pygaster laganoides*, Agassiz. Bathonien.

6 - 8. *P. ——— icaunensis*, Cottreau. ———



Humboldt del. et lith.

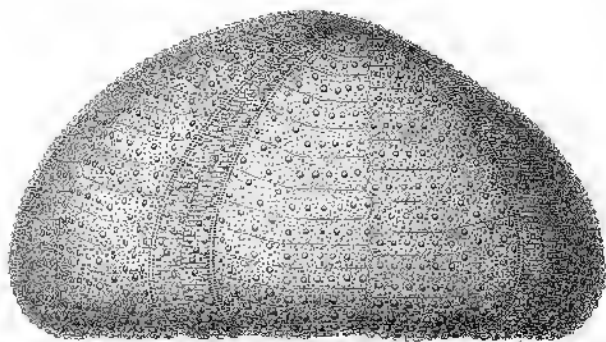
G. Masson, Editeur.

Imp. Berquet, Paris

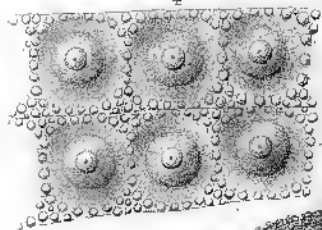
1 - 5. *Pygaster Peroni*, Colleau. Bathonien.

6. *P. umbrellæ*, Agassiz. corallien.

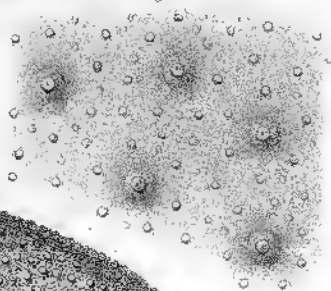
1



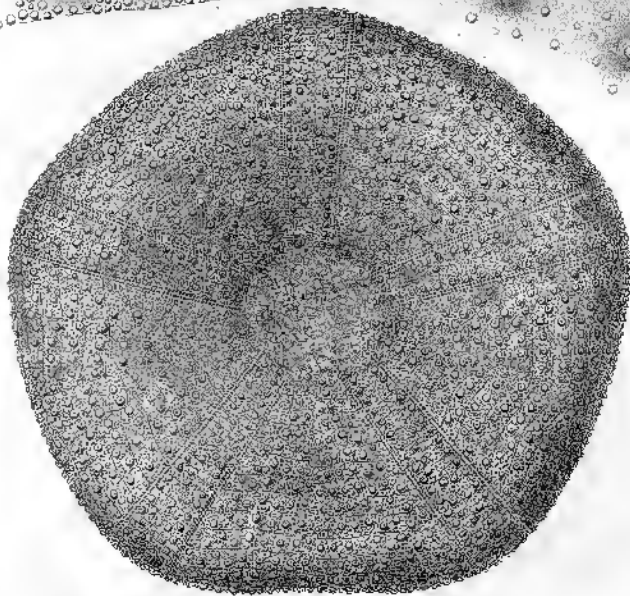
4



3



2



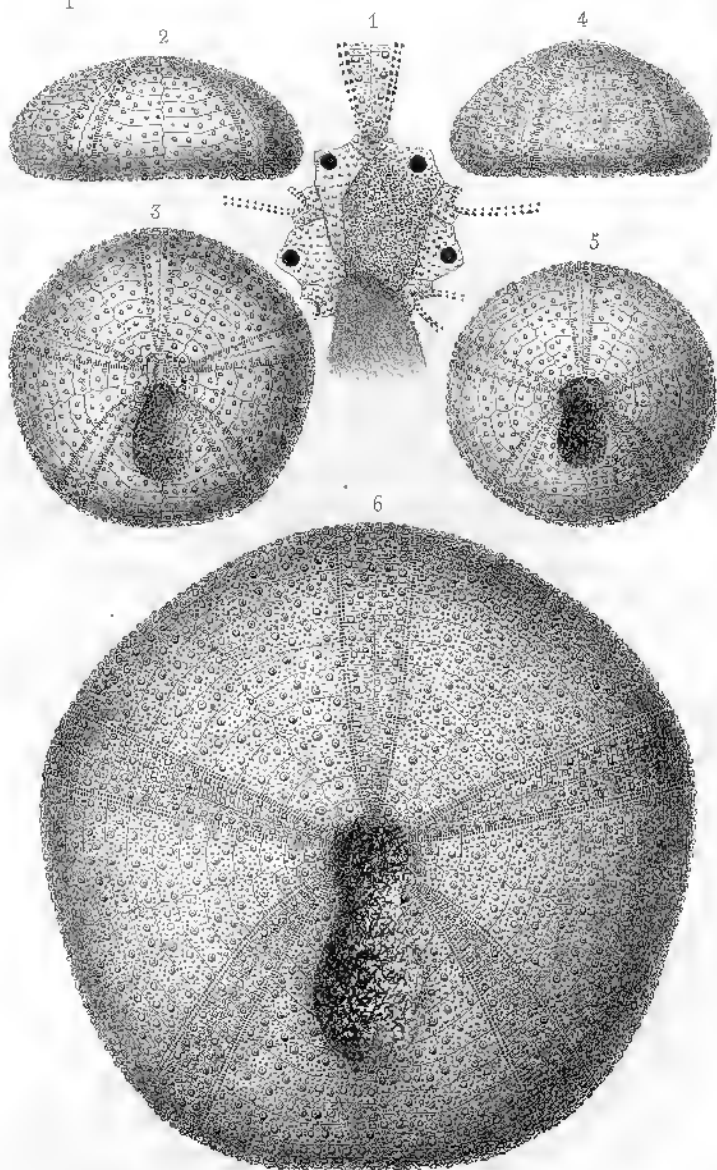
Humbert del. et lith.

G. Masson. Editeur.

Imp. Breguet, Paris

*Pygaster umbrella*, Agassiz. corallium.



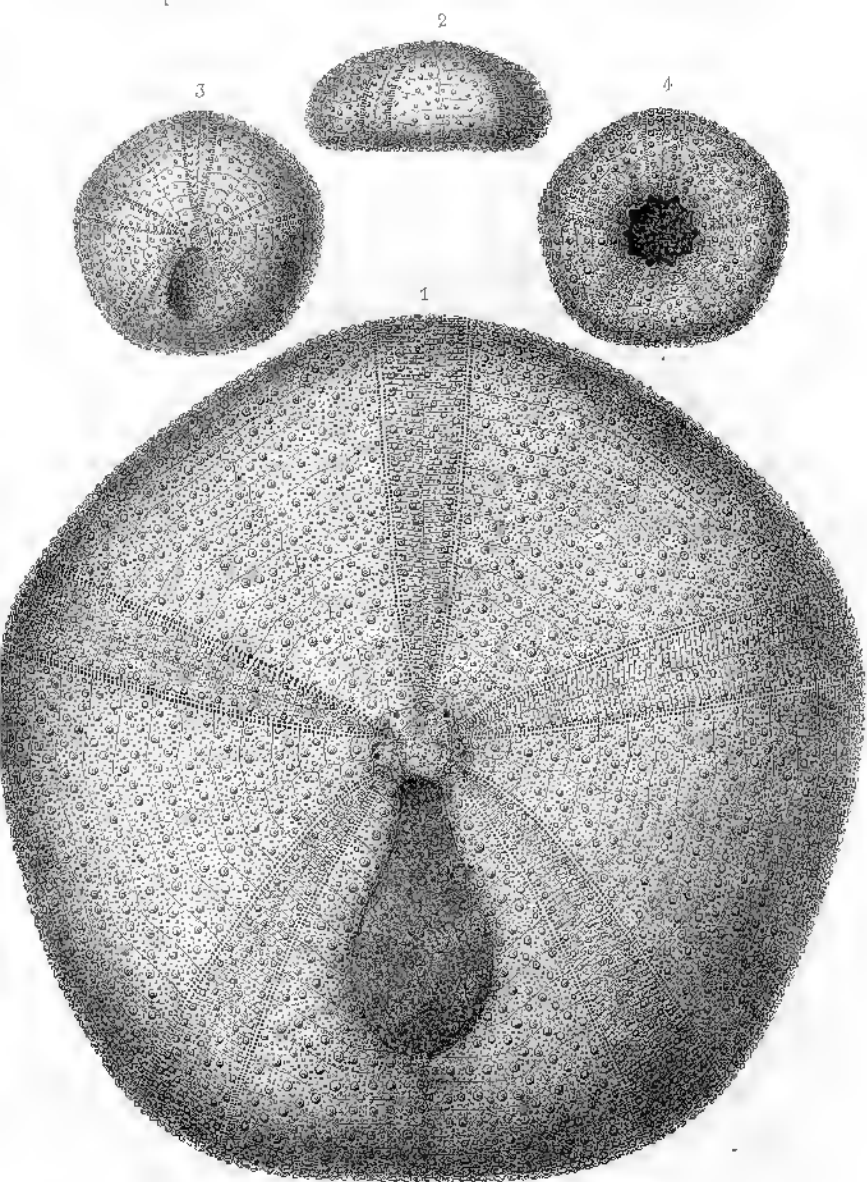


Humbert del et lith.

G. Masson, Editeur.

Imp. Biquet Paris.

*Pygaster umbrella*, Agassiz. Oxfordien et corallien.

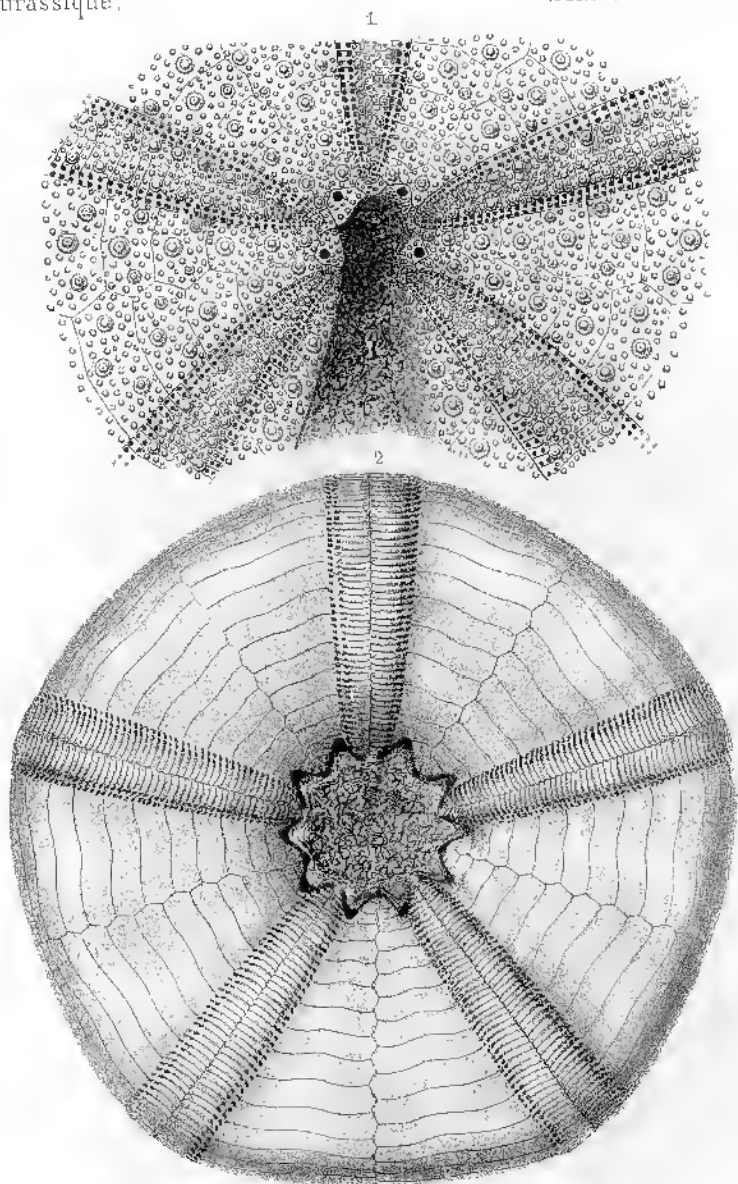


Humbert del. et lith.

G. Masson, Editeur.

Imp. Besquet, Paris

*Pygaster umbrella*, Agassiz, Corallien.

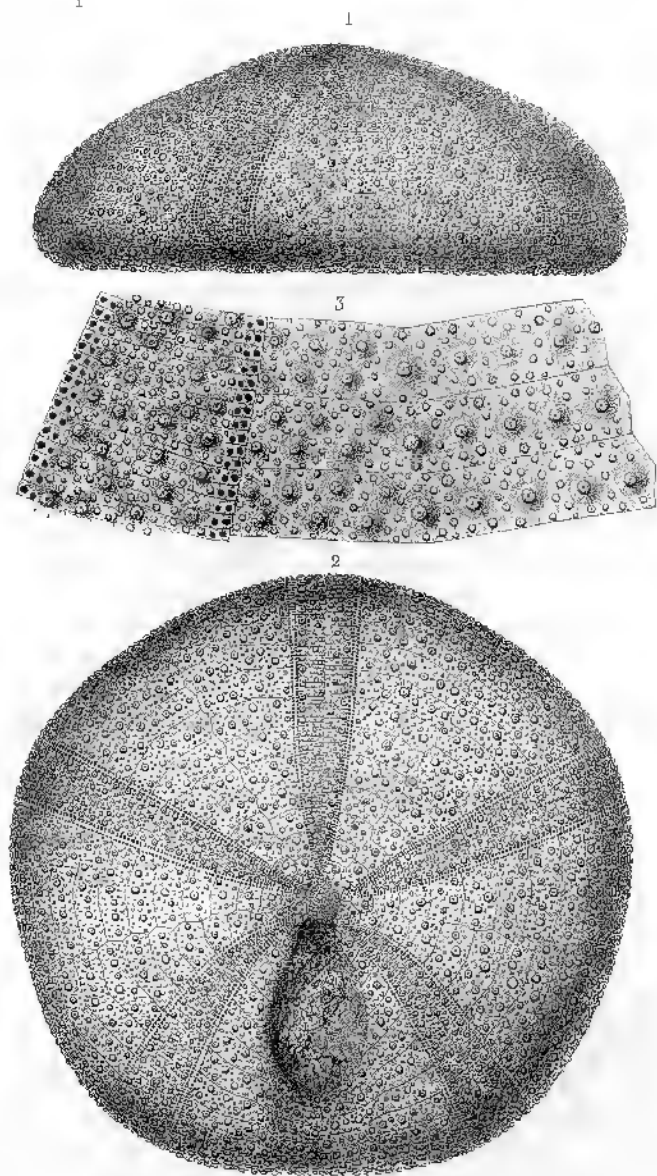


Humbert del. et lith.

G. Masson F. éditeur.

Imp. Dequet, Paris.

*Pygaster umbrella*, Agassiz. Corallien.

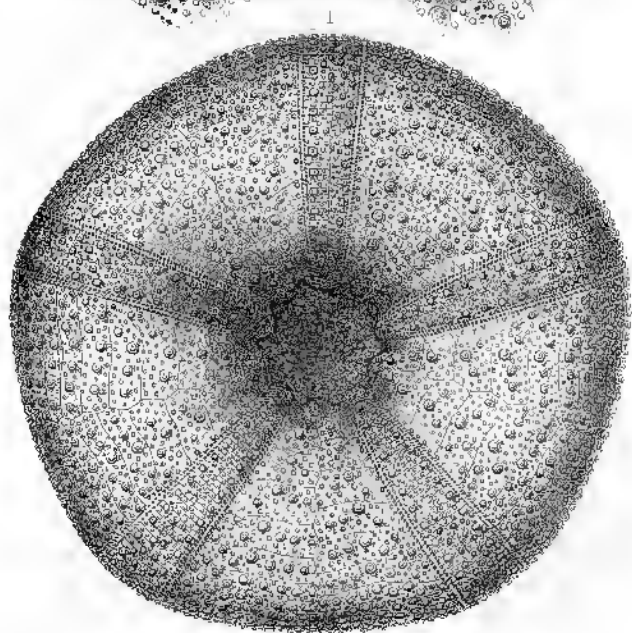
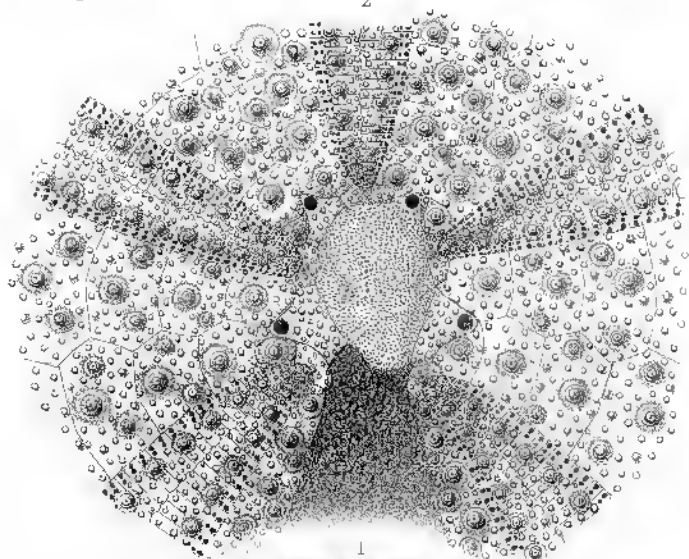


Humbert del. et lith.

G. Masson, Editeur.

Imp. Bachelier Paris

*Pygaster dilatatus*, Agassiz. Corallien.



Humbert del. et lith.

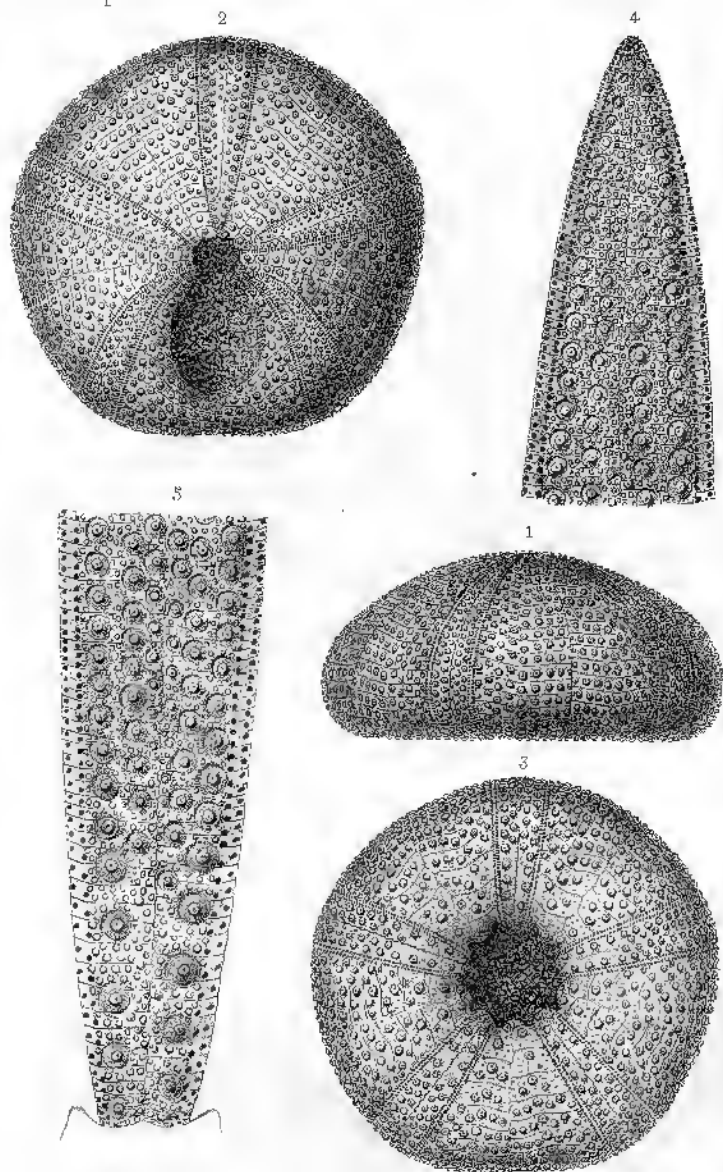
G. Masson, F. diteur.

Trop. Haquet Paris.

*Pygaster dilatatus*, Agassiz, Comptien.

T. Jurassique.

Echinides .Pl. 131.



Humbert del. et lith.

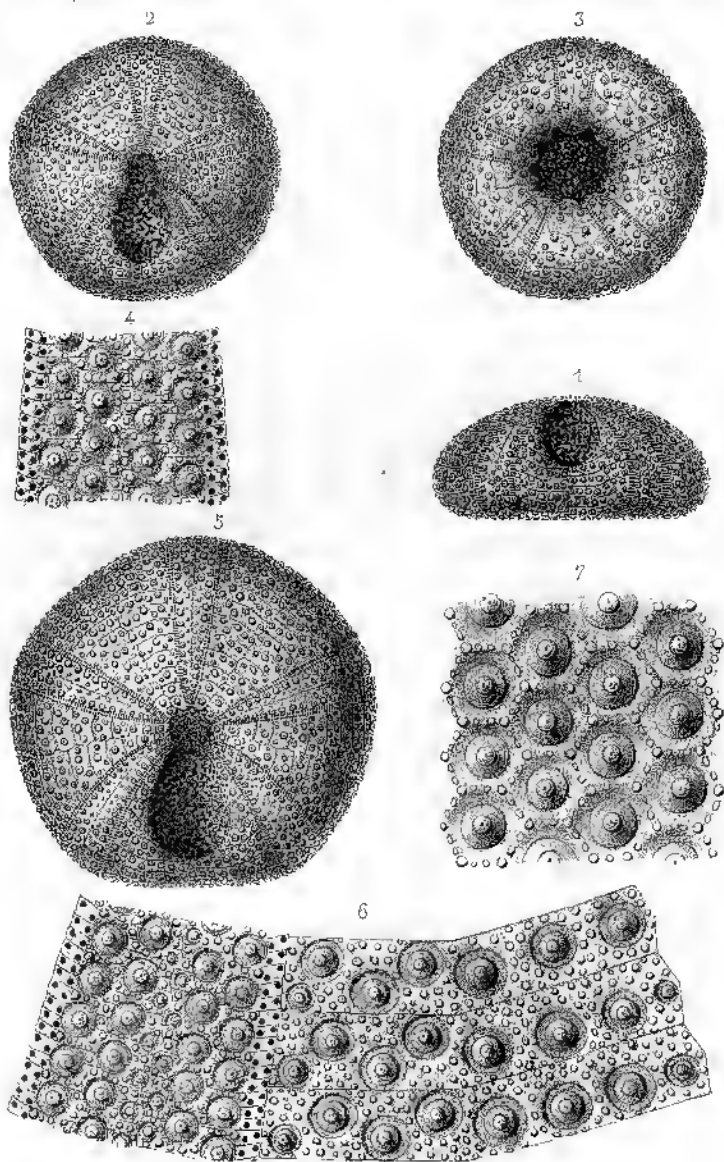
G. Masson Editeur.

Imp. Boquet, Paris

*Pygaster Gresslyi, Desor. Corallien.*

T. Jurassique.

Echinides. Pl. 132.



Humbert del. et lith.

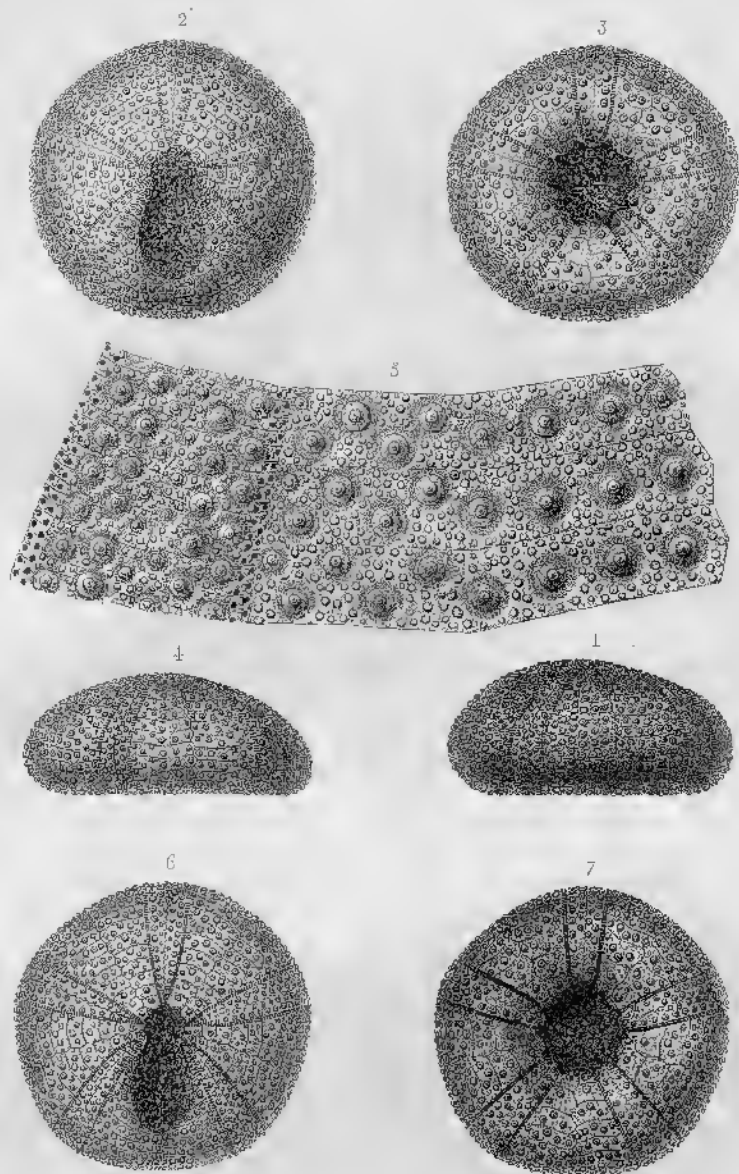
G. Masson, F. diteur.

Imp. Dequeux Frères.

*Pygaster Gresslyi*, Desor. Corallien.

T. Jurassique.

Echinides Pl. 133



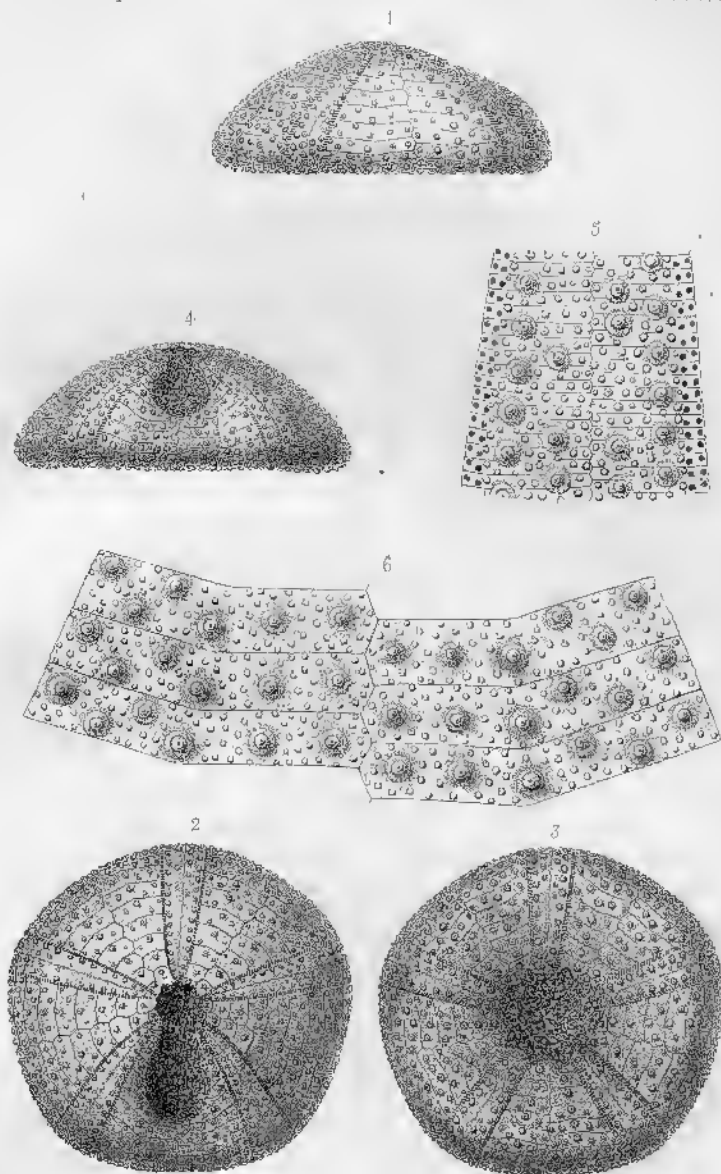
Humbert del et lith

G. Masson, Editeur.

Imp. Biquet, Paris.

*Pygaster Gresslyi*, Cottau. Corallien



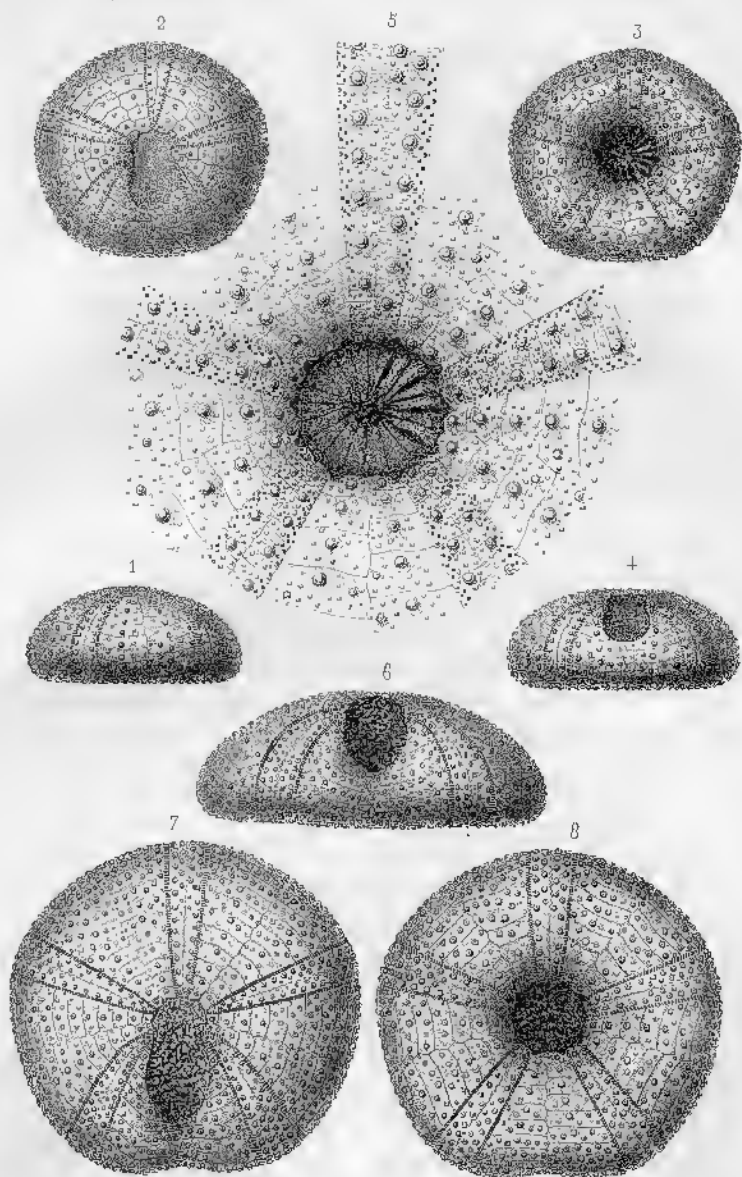


Humbert del et lith.

G. Masson, Editeur.

Imp. Buisson Paris.

*Pygaster subtilis*, Deser. *Cerastium* sup.



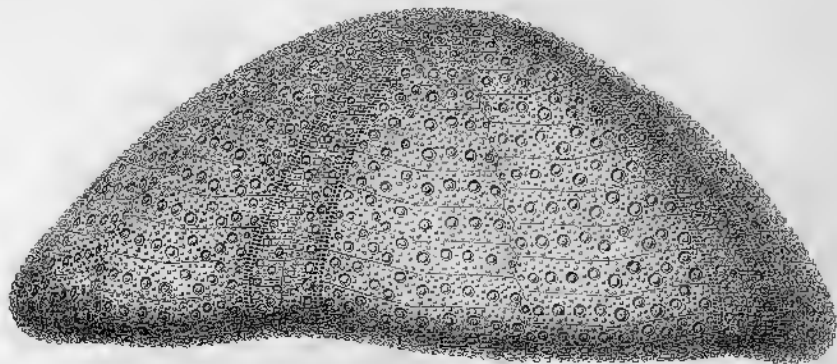
Humbert del. et lith.

G. Masson, Editeur.

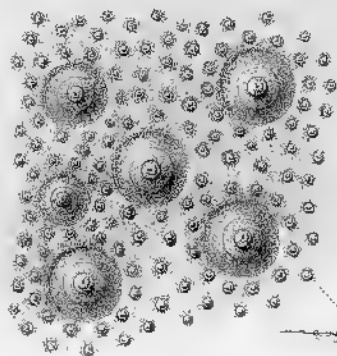
Limp. Dequet, Paris.

1-5. *Pygaster subtilis*, Desor. Corallien sup.  
6-8. *P. Gauthieri*, Cottan. Corallien.

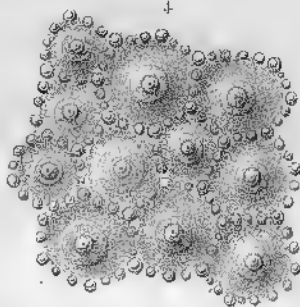
1



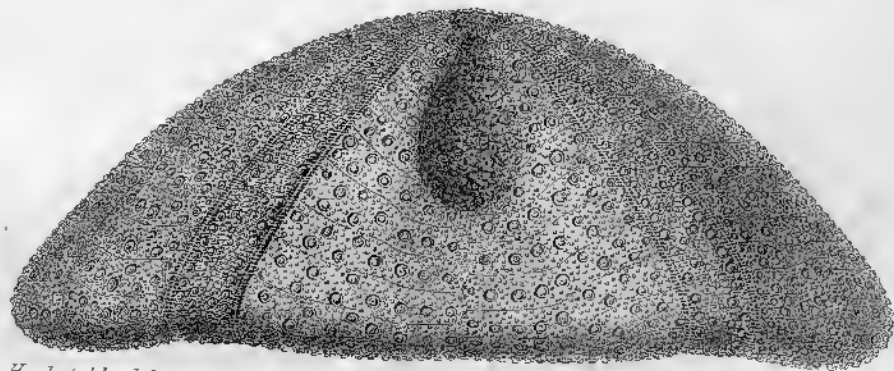
3



4



2

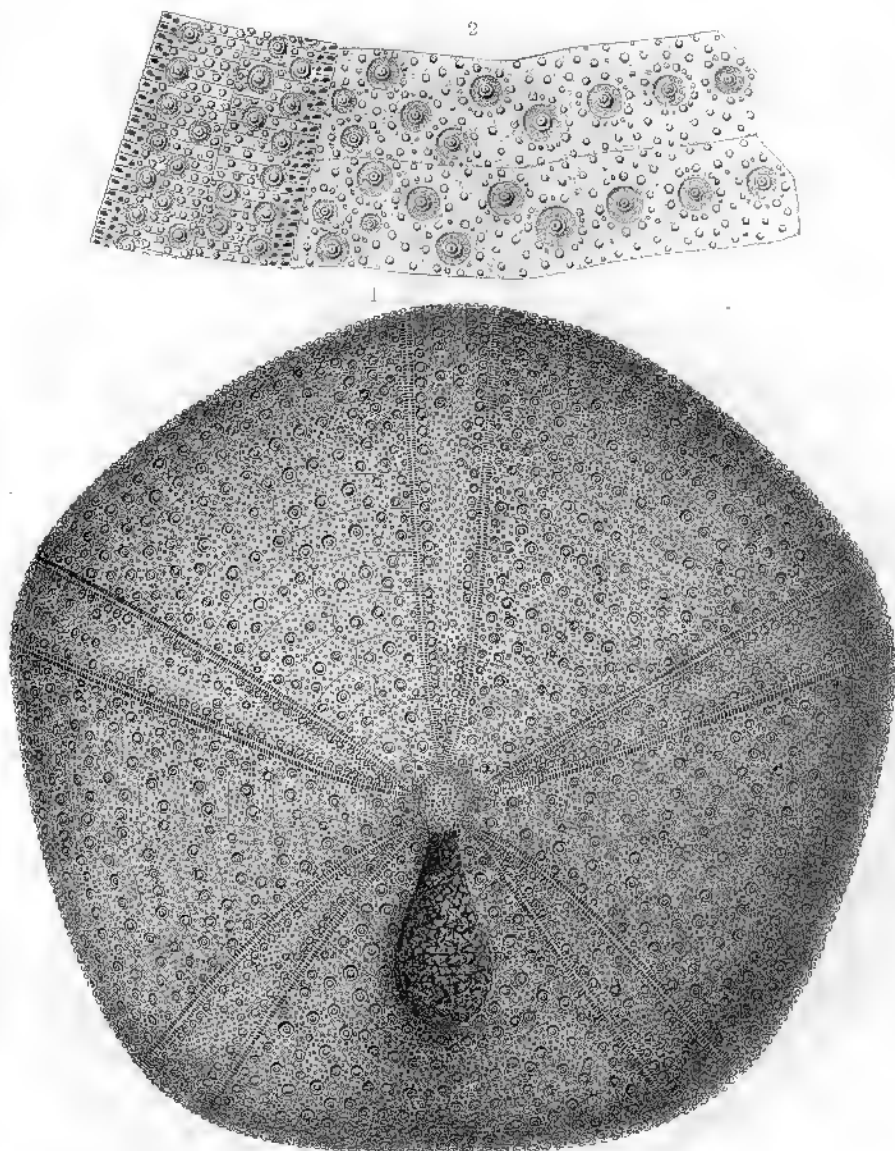


Humbert del. et lith.

G. Masson, Editeur.

Imp. Breguet, Paris.

*Pygaster macrecyphus*, Wright. Künneridgien.



H. Robert del., u. lith.

G. Masson, Editeur.

Imp. Boquet, Paris.

*Pygaster macrocyphus*, Wright. Kimmeridgien

T. Jurassique.

Echinides. Pl. 138.

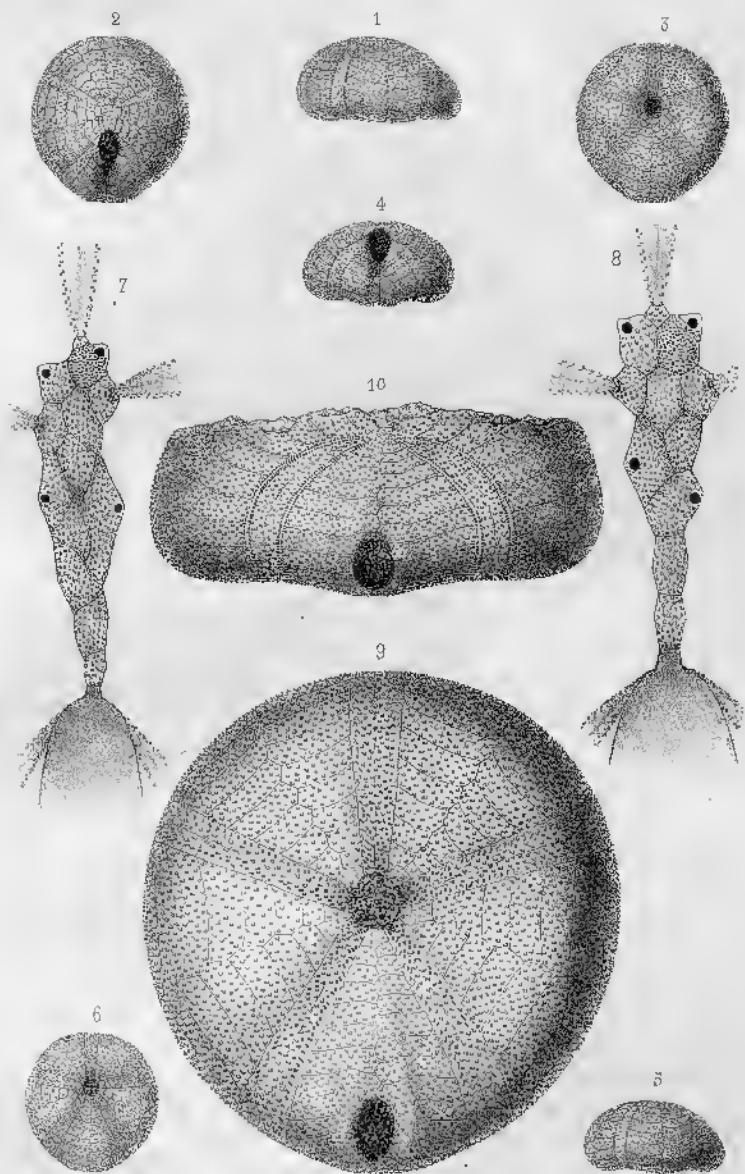


Humbert del. et lith.

G. Masson, H. Meunier.

Typ. Baquet Paris

*Pygaster macrocyphus*, Wright, Kimmeridgien.

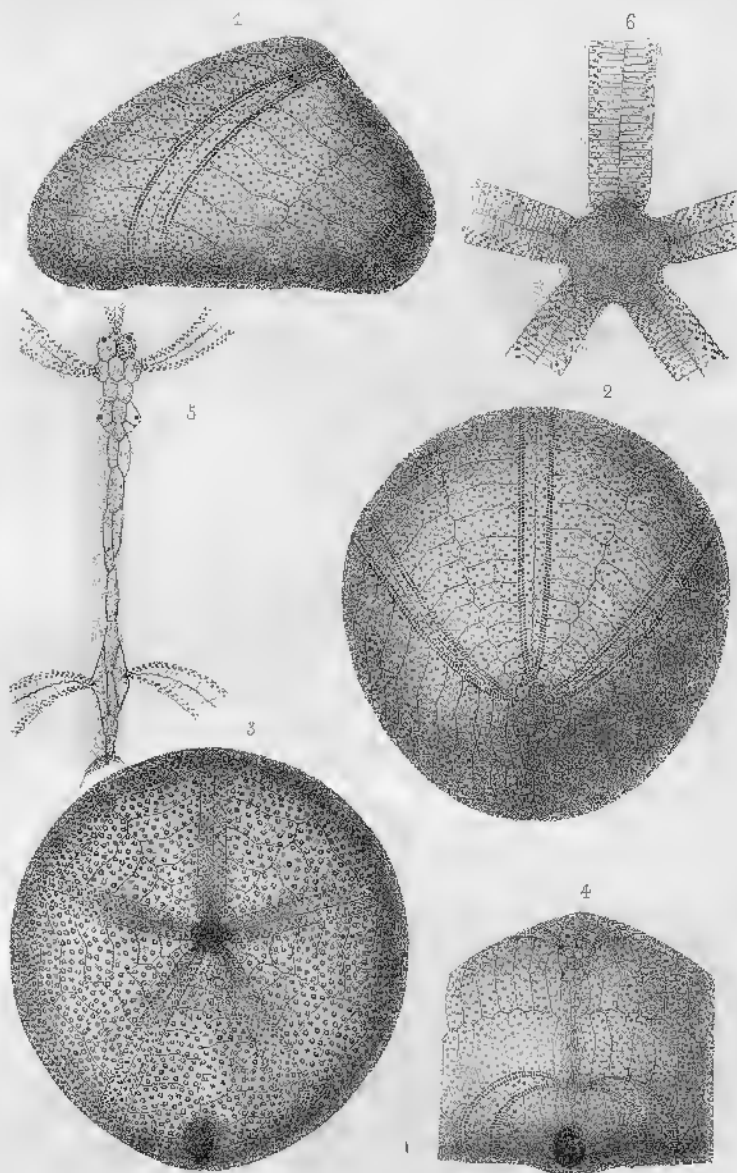


Humbert del. et lith.

C. Masson, Editeur.

Imp. Basquet, Paris.

1 - 8. *Collyrites Ebrazi*, Coltau. Bajocien.  
 9 - 10. *C. — Verneuli*, Coltau. Oxfordien.?

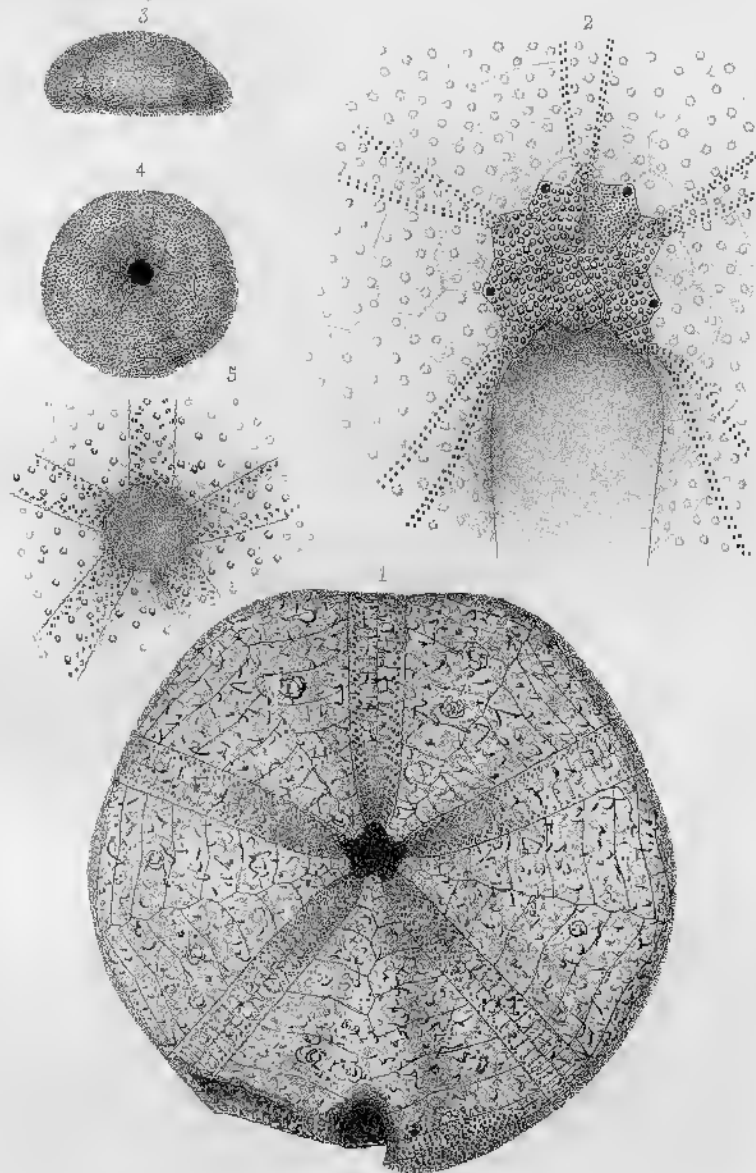


Humbert del. et lith.

G. Masson Editeur.

Imp. Biquet, Paris.

*Collyrites Voltzi, Desor. Oxfordien.?*



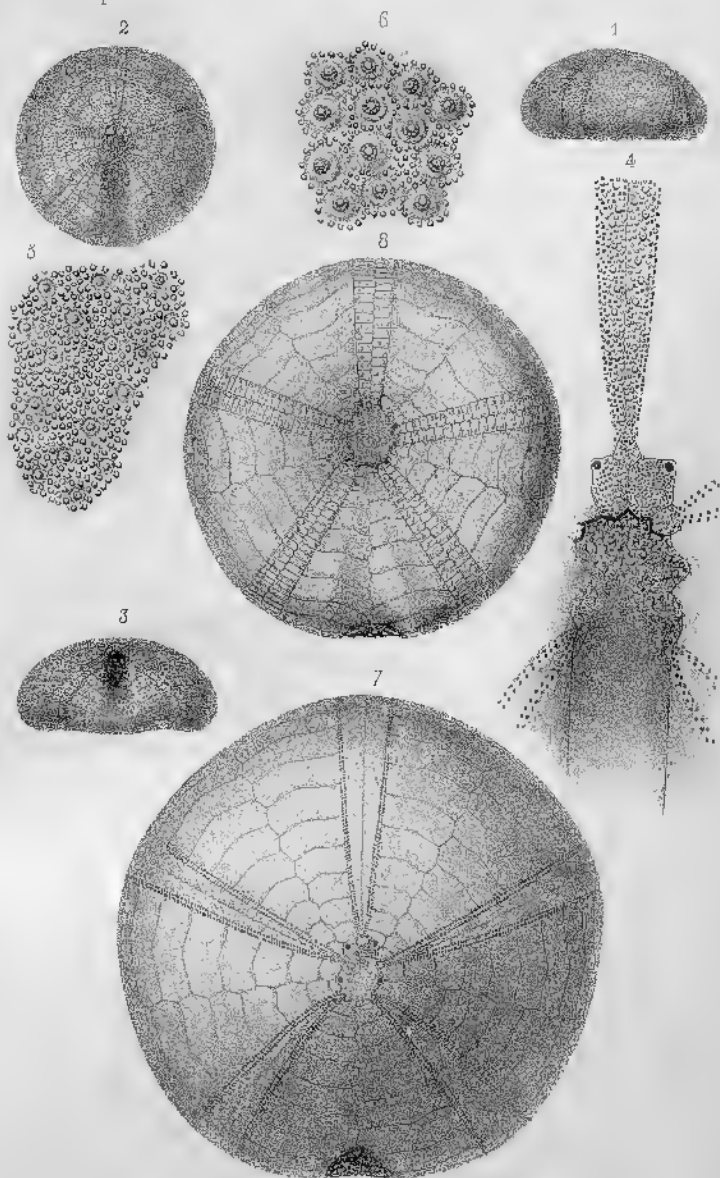
Humbert. del. et lith.

G. Masson. Editeur.

Loup. Baquet. Paris

1. *Pygurus costatus*, Wright. Corallien.
2. *Galeropygus Marconi*, Desor. Bajocien.
- 3-5. *Hybochelypeus sub-circularis*, Cothrau. Bajocien.





Harbert del. et lith.

G. Masson Editeur.

Imp. Baquet, Paris

1-6. *Hybotypens sub-circularis*, Cottan Bajocin.  
7 et 8. *Pachyclypens semiglobus*, Desor Oxfordien.?

